THE PLANT DISEASE REPORTER

Issued By

THE PLANT DISEASE SURVEY

Division of Mycology and Disease Survey

BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING

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SUPPLEMENT 169

A HOST INDEX OF MISSISSIPPI PLANT DISEASES

Supplement 169 June 15, 1947

The Plant Disease Reporter is issued as a service to plant pathologists throughout the United States. It contains reports, summaries, observations, and comments submitted voluntarily by qualified observers. These reports often are in the form of suggestions, queries, and opinions, frequently purely tentative, offered for consideration or discussion rather than as matters of established fact. In accepting and publishing this material the Division of Mycology and Disease Survey serves merely as an informational clearing house. It does not assume responsibility for the subject matter.

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THE PLANT DISEASE SURVEY
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Plant Industry Station Beltsville, Maryland

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J. T. Presley

Plant Disease Reporter
Supplement 169 June 15, 1947

INTRODUCTION

This compilation contains in the form of a host index all available information on the occurrence and distribution of the plant diseases so far recorded in Mississippi. By far the greater portion of the material here presented was taken from the collections made by Dr. L. E. Miles during his several years at Mississippi State College. It is hoped that bringing the material together in this form will make available to pathologists the greater portion of the valuable collection made by Dr. Miles. Additions to the collection have been made by former members of the Plant Pathology Staff at Mississippi State College, State Plant Board Inspectors, and the present Plant Pathology Staff. This is the first contribution toward a host index of plant diseases in Mississippi.

Arrangment of Indexes

The three sections of the publication are each arranged alphabetically.

1. A host index listing the host, together with all of the pathogens known to occur on it in Mississippi.

2. An index of pathogens, each with a list of the hosts upon which it has been reported in Mississippi.

3. An index of the common names of host plants taken from Standardized Plant Names, First Edition, 1923; Second Edition 1942; Illustrated Flora by Britton and Brown, 1913, Charles Scribner's Sons, New York; Plant Life of Alabama by Mohr, 1901, The Brown Printing Co., Montgomery, Alabama.

HOST INDEX

ABELIA

A. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Newton and Stone.

ACER

A. NEGUNDO L., Boxelder.

Cylindrosporium negundinis Ell. & Ev., Leaf Spot. Jackson.

Haplosporella clintonii (Pk.) Pet. & Syd. Sharkey.

A. PLATANOIDES L., Norway Maple.

Taphrina cerasi (Fckl.) Sadebeck. Lee.

A. RUBRUM L., Red Maple.

Creonectria purpurea (L.) Seaver. Copiah.

Cylindrosporium saccharinum Ell. & Ev., Leaf Spot. Prentiss.

Hypoxylon annulatum (Schw.) Mont. Wilkinson.

Phyllosticta acericola Cke. & Ell., Leaf Spot. Harrison and Wayne.

Phyllosticta minima (Berk. & Curt.) Ell. & Ev., Leaf Spot. George and Wayne.

Rhytisma acerinum (Pers.) Fr., Tar Spot. Monroe, Panola, and Pearl River.

Uncinula circinata Cke. & Pk., Powdery Mildew. Clarke.

A. SACCHARINUM L., Silver Maple.

Phyllosticta minima (Berk. & Curt.) Ell. & Ev., Leaf Spot. Hinds.

Rhytisma acerinum (Pers.) Fr., Tar Spot. Lafayette.

A. SACCHARUM Marsh., Sugar Maple.

Phyllosticta acericola Cke. & Ell., Leaf Spot. Lafayette.

Phyllosticta minima (Berk. & Curt.) Ell. & Ev., Leaf Spot. Lafayette.

Septoria saccharina Ell. & Ev., Leaf Spot. Lafayette.

A. SP., Maple.

Massaria inquinans (Tode) Fr., Leaf Spot. Choctaw.

ACORUS

A. CALAMUS L., Sweetflag.

Uromyces pyriformis Cke., Rust. Grenada and Lafayette.

AESCULUS

A. GLABRA Willd., Ohio Buckeye.

Phyllosticta paviae Desm., Leaf Spot. Choctaw.

Phyllosticta sphaeropsoidea Ell. & Ev., Leaf Spot. Oktibbeha.

Uncinula flexuosa Pk., Powdery mildew. Newton and Oktibbeha.

A. PAVIA L., Red Buckeye

Phyllosticta aesculii Ell. & Martin, Leaf Spot. Lowndes.

AGAVE

A. AMERICANA L., Centuryplant.

Colletotrichum agaves Cav., Anthracnose. Jackson.

AGRIMONIA

A. EUPATORIA L., Common Agrimony.
Pucciniastrum agrimoniae (Schw.) Tranz., Rust. Choctaw and Grenada

A. PARVIFLORA Soland., Many-flowered Agrimony.
Pucciniastrum agrimoniae (Schw.) Tranz., Rust. Lafayette and Pearl River

AGROSTEMMA

A. GITHAGO L., Corncockle.
Marssonia delastrei (DeLac.) Sacc., Leaf Spot. Lauderdale.

AGROSTIS

A. ALBA L., Red Top.
Puccinia graminis Pers., Rust. Oktibbeha.

A. PERENNANS (Walt.) Tuckerm., Grass.
Acrospermum compressum Tode ex Fr., Leaf Spot. Simpson.

A. SP.
Uromyces eragrostidis Tracy, Rust. Lowndes and Simpson.

AILANTHUS

A. ALTISSIMA (Mill.) Swingle, Tree of Heaven.
Cytospora ailanthi Berk. & Curt. Jasper.

ALETRIS

A. AUREA Walt., Stargrass
Puccinia aletridis Berk. & Curt., Rust. Jackson.

ALEURITES

A. FORDII Hemsl., Tung-oil Tree.
Corticium stevensii Burt., Leaf Blight (Thread Blight).
Heterodera marioni (Cornu) Goodey, Root-knot. Pearl River.
Rhizoctonia microsclerotia Matz., Leaf Blight. Pearl River.

ALLIUM

A. CANADENSE L., Meadow Garlic.
Heterosporium allii Ell. & Mart., Leaf Spot. Oktibbeha.

A. CEPA L., Garden Onion.
Botrytis vulgaris (Pers.) Fr., Gray Mold. Pearl River.
Macrosporium parasiticum Thum. var. porri Ell. Harrison.
Macrosporium sarcinula B. var. parasiticum Thuem., Black Stalk Rot. Oktibbeha.
Peronospora schleideni Unger., Downy Mildew. Lamar.

A. SP., Onion.
Macrosporium commune Rab. Hinds.

ALNUS

A. INCANA (L.) Moench, Speckled Alder.
Taphrina alni-incanae (Kuehn) Magn., Catkin Disease. Harrison.

A. RUGOSA (DuRoi) Spreng., Hazel Alder.
Diatrypella discoidea Cke. & Pk. var. alni Cke. Oktibbeha and Tallahatchie.
Melanconis marginalis (Pk.) Wehmeyer, Twig Blight. Humphreys.
Peniophora aurantiaca Bres. Oktibbeha.
Poria vaporaria (Pers.) Fr. Oktibbeha.

A. SP.
Eutypella cerviculata (Fr.) Sacc. Webster.
Hypoxylon fuscum (P.) Fr. Jefferson.
Stereum ochraceoflavum Schw. Lee.

ALOPECURUS

A. AEQUALIS Sobol., Shortawn Foxtail
Fusicladium alopecuri Ell. & Ev. Oktibbeha.

A. GENICULATUS L., Water Foxtail
Scolecotrichum graminis Fckl., Leaf Blotch. Oktibbeha and Sunflower.

ALTHAEA

A. ROSEA (L.) Cav., Hollyhock
Cercospora althaeina Sacc., Leaf Spot. Hinds, Lauderdale, Monroe, and Yazoo.
Puccinia heterospora Berk. & Curt., Rust. Forrest.
Puccinia malvacearum Bert., Rust. Covington, Forrest, Hancock, and Jones.

A. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. Pearl River.

AMARANTHUS

A. RETROFLEXUS L., Green Amaranth, Redroot.
Albugo bliti (Biv.) O. Kunze, White Rust. Jackson and Oktibbeha.

AMBROSIA

A. ARTEMISIIFOLIA L., Common Ragweed
Albugo tragopogonis (Pers.) S. F. Gray, White Rust. Bolivar and Pearl River.
Erysiphe cichoracearum DC., Powdery Mildew. Amite and Oktibbeha.
Phyllachora ambrosiae (Schw.) Sacc., Leaf Spot. Marion and Oktibbeha.

A. TRIFIDA L., Giant Ragweed.
Albugo tragopogonis (Pers.) S. F. Gray, White Rust. Oktibbeha.
Erysiphe cichoracearum DC., Powdery Mildew. Clay.
Sclerotium rolfsii Sacc., Southern Blight. Oktibbeha.
Septoria bacilligera Wint., Leaf Spot. Adams.

AMELANCHIER

A. CANADENSIS (L.) Medic., Juneberry
Gymnosporangium nidus-avis Thaxt., Rust. Marshall.

AMORPHA

A. FRUTICOSA L., Indigobush Amorpha
Camarosporium amorphae Sacc. Sunflower.
Diplodia amorphae (Wallr.) Sacc. Issaquena and Stone.
Uropyxis amorphae (Curt.) Schroet., Rust. Forrest and Monroe.

AMPHICARPA

A. BRACTEATA, Southern Hogpeanut
Synchytrium decipiens Farl. Leake and Prentiss.

A. PITCHERI Torr. & Gr., Pitchers Hogpeanut.
Synchytrium decipiens Farl. Lafayette.

ANDROPOGON

A. FURCATUS Muhl., Big Bluestem.
Cerebella andropogonis Ces., False Smut. Washington.
Puccinia andropogonis Schw., Rust. Oktibbeha.
Puccinia ellisiana Thuem., Rust. Hinds.

A. GLOMERATUS (Walt.) B.S.P., Bushy Bluestem.
Sorosporium consanguineum Ell. & Ev., Smut. Hancock.

A. MURICATUS Retz., Grass.
Didymella andropogonis Ell. & Ev., Leaf Spot. Monroe.

A. SCOPARIUS Michx., Little Bluestem.
Puccinia andropogonis Schw., Rust. Clarke and Oktibbeha.
Puccinia ellisiana Thuem., Rust. Oktibbeha.
Sorosporium ellisii Wint., Smut. Oktibbeha and Webster.
Sorosporium everhartii Ell. & Gall., Smut. Forrest.
Sphacelotheca ischaemi (Fckl.) Clint., Smut. Yalobusha.

A. VIRGINICUS L., Broomsedge.
Metasphaeria infuscans Ell. & Ev. Tate.
Uromyces andropogonis Tracy, Rust. Clarke.

A. SP.
Stictis arundinaceae Pers. Yazoo.

ANEMONE

A. CAROLINIANA Walt., Carolina Anemone.
Septoria anemones Desm., Leaf Spot. Oktibbeha.

A. VIRGINIANA L., Tall Anemone.
Phleospora anemones Ell. & Kell. Lafayette.
Puccinia anemones-virginianae Schw., Rust. Lafayette.
Septoria anemones Desm., Leaf Spot. Attala and Oktibbeha.

ANTHOXANTHUM
A. ARISTATUM Boiss., Annual Vernalgrass.
Puccinia graminis Pers., Rust. Oktibbeha.

ANTIRRHINUM
A. MAJUS L., Common Snapdragon.
Colletotrichum antirrhini Stewart, Anthracnose. Lauderdale.
Puccinia antirrhini Diet. & Holw., Rust. Wilkinson.

A. SP., Snapdragon.
Heterodera marioni (Cornu) Goodey, Root-knot. Copiah, Lauderdale, Lee, Monroe, and Washington.
Puccinia antirrhini Diet. & Holw., Rust. Copiah, Marion, and Wilkinson.

APIUM
A. GRAVEOLENS L., Celery
Cercospora apii Fr., Leaf Spot. Calhoun, Clay, and Winston.

APOCYNUM
A. CANNABINUM L., Hemp Dogbane.
Phyllosticta apocyni Trel., Leaf Spot. Choctaw.
Septoria littorea Sacc., Leaf Spot. Pontotoc.

ARABIS
A. VIRGINICA (L.) Trel., Rockcress.
Albugo candida (Pers. ex Lev.) O. Kunze, White Rust. Oktibbeha.

ARACHIS
A. HYPOGAEA L., Peanut.
Cercospora personata (Berk. & Curt.) Ell., Leaf Spot. Attala, Holmes, Jackson, Kemper, Oktibbeha, and Washington.
Sclerotium rolfsii Sacc., Southern Blight. Bolivar and Oktibbeha.

ARCTIUM
A. MINUS Schk., Common Burdock.
Puccinia bardanae (Wallr.) Cda., Rust. Clarke.

ARISAEMA
A. DRACONTIUM (L.) Schott, Dragonroot Jack-in-the-Pulpit.
Uromyces caladii (Schw.) Farl., Rust. Hinds and Wayne.

ARISTIDA
A. PURPURASCENS Poir., Arrowfeather Threeawn.
Hendersonula aristidae (S.) Ell. Lowndes.

ARRHENATHERUM
A. ELATIUS (L.) Beauv., Tall Oatgrass.
Ustilago perennans Rost., Smut. Attala and Rankin.
Ustilago segetum (Bull.) Dit., Loose Smut. Grenada and Lamar.

ARUNDINARIA

A. TECTA (Walt.) Muhl., Small Cane.
Apiosporium montagnei (Dur. & Mont.) Sacc. Lee and Scott.
Belonium eustegiforme (Berk. & Curt.) Sacc. Sunflower.
Coniosporium arundinellae Ell. & Tracy. Benton and Pontotoc.
Diatrype consobrina Mont. Greene.
Meliola tenuis Berk. & Curt., Sooty Mold. Tunica.
Puccinia arundinariae Schw., Rust. Hinds.
Stictis helicotricha Ell. & Ev. Tunica.

A. SP., Cane.
Epiccocum simplex Berk. & Curt. Jones.

A. SP.
Diatrype consobrina Mont. Pontotoc.
Hypoxylon perforatum (Schw.) Fr. Pike.

ASCLEPIAS

A. INCARNATA L., Swamp Milkweed.
Cercospora clavata (Gerard) Pk., Leaf Spot. Washington.

A. SYRIACA L., Common Milkweed.
Cercospora clavata (Gerard) Pk., Leaf Spot. Monroe.
Uromyces asclepiadis (Schw.) Cke., Rust. Lafayette.
Uromyces howei Pk., Rust. Lafayette.

ASCYRUM

A. HYPERICOIDES L., St. Andrew's Cross.
Uromyces hyperici (Spreng.) Curt., Rust. Harrison.

A. STANS Michx., Atlantic St. Peter's Wort.
Cladosporium gloeosporioides Atk. Pearl River.

ASIMINA

A. TRILOBA (L.) Dunal., Common Pawpaw.
Phyllosticta asiminae Ell. & Kell., Leaf Spot. Oktibbeha.

ASPARAGUS

A. OFFICINALIS L., Garden Asparagus.
Puccinia asparagi DC., Rust. Forrest and Tallahatchie.

A. SPRENGERI Regel., Sprenger Asparagus.
Cladosporium fasciculare (Pers.) Fr., Leaf Mold. Rankin.

A. VERTICILLATUS L., Asparagus.
Puccinia asparagi DC., Rust. Jefferson.

ASTER

A. CORDIFOLIUS L., Common Blue Wood Aster.
Puccinia asteris Duby, Rust. Jackson.
Puccinia asterum Kern, Rust. Jackson and Oktibbeha.
Puccinia extensicola Plowr., Rust. Oktibbeha.

ASTER cont.

A. SAGITTIFOLIUS Willd., Arrowleaved Aster.
Coleosporium solidaginis (Schw.) Thuem., Rust. Oktibbeha.

A. SP.
Rosenscheldia heliopsidis (Schw.) Theiss. & Syd. Yalobusha.

AUCUBA

A. JAPONICA, Japanese Aucuba.
Phyllosticta aucubae Sacc. & Speg., Leaf Spot. Holmes.

AVENA

A. SATIVA L., Common Oat.
Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose. Claiborne.
Dicaeoma rhamni Ktze., Rust. Harrison.
Helminthosporium sp., Leaf Spot.
Pseudomonas avenae Manns. Oktibbeha.
Puccinia coronata Cda., Crown Rust. Attala, Grenada, Harrison, Jackson, and Yazoo.
Puccinia graminis avenae Eriks. & Henn., Stem Rust. Claiborne.
Sclerospora macrospora Sacc., Downy Mildew. Sunflower.
Ustilago avenae (Pers.) Jens., Loose Smut. George, Hinds, Holmes, Humphreys, Issaquena, Madison, Oktibbeha, Panola, Rankin, Sharkey, Simpson, Warren, and Washington.
Ustilago levis (Kell. & Swing.) Mag., Loose Smut. Jasper, Newton, and Panola.
Ustilago segetum (Bull.) Dit., Loose Smut. Jefferson Davis.

AXONOPUS

A. COMPRESSUS (Swartz) Beauv., Carpet Grass.
Physarum cinereum (Batsch) Pers., Slime Mold.

A. SP., Carpet Grass.
Cerebella andropogonis Ces., False Smut. Wilkinson.

BEGONIA

B. SP., Begonia.
Agrobacterium tumefaciens (E. F. Sm. & Town.) Conn., Crown Gall. Warren.

BERCHEMIA

B. SCANDENS (Hill) Trelease, Rattan-vine
Puccinia coronata Cda., Crown Rust. Oktibbeha.

BETA

B. VULGARIS L., Beet.
Cercospora beticola Sacc., Leaf Spot. Lee, Lincoln, Monroe, and Oktibbeha.
Heterodera marioni (Cornu) Goodey, Root-knot. DeSoto, Monroe, and Panola.

BETULA

B. LENTA L., Sweet Birch.
Asterosporium betulinum Pk. Rankin.
Creonectria purpurea (L.) Seaver. Harrison.
Diatrypella betulina Pk. Sharkey.
Melanconis stilbostoma (Fr.) Tul., Twig Blight. Pontotoc.

B. SP., Birch.
Melanconium bicolor Nees ex Fr., Canker. Tunica.

BIDENS

B. FRONDOSA L., Beggarticks.
Cercospora umbrata Ell. & Holw., Leaf Spot. Lafayette.
Sphaerotheca humuli (DC.) Burr., Powdery Mildew. Neshoba.

BIGNONIA

B. CAPREOLATA L., Crossvine.
Cercospora capreolata Ell. & Ev., Leaf Spot. Oktibbeha.
Meliola bidentata Cke., Sooty Mold. Pearl River.

BOUTELOUA

B. CURTIPENDULA (Michx.) Torr., Sideoats Grama.
Puccinia vexans Farl., Rust. Webster.

BRASSICA

B. NIGRA (L.) Koch, Black Mustard.
Albugo candida (Pers. ex Lév.) O. Kunze, White Rust. Hinds, Jefferson, and Leflore.
Macrosporium herculeum Ell. & Martin, Leaf Spot. Stone.

B. OLERACEA var. CAPITATA L., Cabbage.
Alternaria brassicae (Berk.) Sacc., Leaf Spot.
Cercospora bloxami Berk. & Br., Leaf Spot. George.
Heterodera marioni (Cornu) Goodey, Root-knot. Choctaw, Copiah, Hancock, Harrison, Jackson, Lauderdale, Lincoln, Monroe, Noxubee, Oktibbeha, Rankin, Tate, Walthall, Webster, and Winston.
Peronospora parasitica (Pers.) DBy., Downy Mildew. Adams, Lauderdale, and Walthall.
Phoma lingam (Tode) Desm., Black Leg. Bolivar and Oktibbeha.

B. RAPA L., Turnip.
Alternaria herculea (Ell. & Mart.) J. A. Elliott, Leaf Spot. Clarke.
Cercosporella albo-maculans (Ell. & Ev.) Sacc., Leaf Spot. George, Jones, and Pearl River.
Colletotrichum higginsianum Sacc., Leaf Spot. Calhoun, Harrison, Jones, Lauderdale, Oktibbeha, and Stone.
Cylindrosporium brassicae Fautr. & Roum., Leaf Spot. Attala.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Choctaw, Holmes, Jones, and Monroe.
Peronospora parasitica (Pers.) DBy., Downy Mildew. Lowndes.

BROMUS

B. SECALINUS L., Chess Brome.

Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose. Coahoma.

Phoma graminella Sacc. Yalobusha.

BUMELIA

B. LYCIOIDES (L.) Pers., Southern Buckthorn.

Phyllosticta bumeliae Underw. & Earle, Leaf Spot. Oktibbeha.

Septoria bumeliae Sacc., Leaf Spot. George, Harrison, and Jackson.

BURSA

B. BURSA-PASTORIS (L.) Britton, Shepherds-Purse.

Albugo candida (Pers. ex Lev.) O. Kunze, White Rust. Oktibbeha.

BUXUS

B. SEMPERVIRENS L., Common Box

Laestadia buxi (Desm.) Sacc. Alcorn and Marshall.

Macrophoma candollei (Berk. & Br.) Berl. & Vogl., Leaf Blight. Alcorn, Coahoma, Hinds, Oktibbeha, and Pike.

Verticillium buxi (Lk.) Auersw. & Fleisch., Wilt. Alcorn.

B. SP., Box.

Heterodera marioni (Cornu) Goodey, Root-knot. Greene and Harrison.

Macrophoma candollei (Berk. & Br.) Berl. & Vogl., Leaf Blight. Yazoo and Jones.

Nectria rousselliana Tul., Canker. Leflore.

CACALIA

C. ATRIPLICIFOLIA L., Pale Indian Plantain

Septoria cacaliae Ell. & Kell., Leaf Spot. Choctaw.

C. TUBEROSA Nutt., Indian Plantain.

Septoria cacaliae Ell. & Kell., Leaf Spot. Clarke.

CACTUS

C. SP.

Gloeosporium cactorum Ston., Anthracnose. Forrest and Holmes.

Heterodera marioni (Cornu) Goodey, Root-knot. Holmes.

CALADIUM

C. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Hinds.

CALAMOVILFA

C. LONGIFOLIA (Hook.) Scribn., Prairie Sandreed.

Puccinia amphigena Diet., Rust. Oktibbeha.

CALLICARPA

C. AMERICANA L., American Beautyberry.
Cercospora callicarpae Cke., Leaf Spot. Coniah.
Diatrype callicarpae Berk. & Rav. Holmes.

CALLISTEPHUS

C. CHINENSIS (L.) Nees, Common China-Aster.
Fusarium oxysporum f. conglutinans (Wr.) Snyder & Hansen, Yellows. Yazoo.

CAMELLIA

C. JAPONICA L., Common Camellia.
Colletotrichum camelliae Mass. Hancock, Harrison, Pearl River, and Pike.
Colletotrichum sp., Anthracnose. Hancock and Jones.
Glomerella cingulata (Stonem.) Spauld. & Schrenk., Anthracnose. Jones.
Monochaetia camelliae Miles, Leaf Spot. Lowndes and Pike.
Pestalozzia guepini Desm., Leaf Spot. Adams and Tishomingo.
Phyllosticta sp., Leaf Spot. Harrison.

C. SP.
Gloeosporium sp., Leaf Spot. Jones.

CAMPANULA

C. AMERICANA L., Tall Bellflower.
Coleosporium campanulae (Pers.) Lév., Rust. Calhoun.
Septoria campanulae (Lév.) Sacc., Leaf Spot. Chickasaw.

CAMPSIS

C. RADICANS Seem., Common Trumpetcreeper.
Cercospora sordida Sacc., Leaf Spot. Lowndes, Oktibbeha, and Washington.

CAPSICUM

C. ANNUUM L., Pepper
Bacterium vesicatorium Doidge, Leaf Spot.
Cercospora capsici Heald & Wolf, Leaf Spot.
Fusarium annuum Leon., Wilt.
Sclerotium rolfsii Sacc., Southern Blight. Stone.

C. SP., Pepper.
Cercospora capsici Heald & Wolf, Leaf Spot. Pearl River and Stone.
Gloeosporium piperatum Ell. & Ev., Pod Rot, Anthracnose. Stone.
Glomerella piperata (Stonem.) Spauld & Schrenk. Pearl River.
Heterodera marioni (Cornu) Goodey, Root-knot. Harrison, Holmes, Humphreys, Jasper, Lauderdale, Leake, Leflore, Stone, Sunflower, Walthall, and Washington.
Sclerotium rolfsii Sacc., Southern Blight. Stone.

CAREX

C. CHEROKEENSIS Schwein., Cherokee Sedge.
Volutella caricicola Miles. Oktibbeha.

C. COMPLANATA Torr., Hirsute Sedge.
Uromyces minutus Diet., Rust. Holmes.

C. FRANKII Kunth., Frank's Sedge.
Puccinia bolleyana Sacc., Rust. Oktibbeha.

C. MUHLENBERGII Schk., Muhlenberg's Sedge.
Puccinia asterum Kern., Rust. Choctaw.
Puccinia extensicola Plowr., Rust. Choctaw.

C. SP., Sedge.
Puccinia ludibunda Ell. & Ev., Rust. Yalobusha.

C. SP.
Puccinia asterum Kern., Rust. Harrison.
Puccinia extensicola Plowr., Rust. Harrison and Yalobusha.
Puccinia extensicola asteris (Thuem.) Arth., Rust. Harrison.
Puccinia minuta Diet., Rust. Lafayette.
Septoria riparia Pass., Leaf Spot. Oktibbeha.

CARPINUS

C. CAROLINIANA Walt., American Hornbeam.
Peniophora cinerea (P. ex Fr.) Cke. Yazoo.

C. SP.
Hypoxylon subchlorinum Ell. & Calk. Rankin.

CARYA

C. ALBA(L.) K. Koch, Mockernut Hickory.
Microstroma juglandis (Ber.) Sacc., Leaf Spot. Oktibbeha.

C. CORDIFORMIS (Wang.) K. Koch, Bitternut Hickory.
Clasterosporium uncinatum Clint. Bolivar.

C. ILLINOENSIS (Wang.) K. Koch, Pecan.
Cercospora fusca Rand, Leaf Spot. Clarke, Coahoma, Jackson, and Leflore.
Cladosporium effusum (Wint.) Dem., Scab.
Fusicladium effusum Wint., Scab. Clarke, Humphreys, Jackson, Lamar, and Stone.
Gnomonia nerviseda Cole, Vein Spot. Oktibbeha.
Gnomonia setacea (P.) Ces. & DeN., Leaf Spot. Tishomingo.
Myriangium tuberculans Miles. Clarke, Hinds, Jackson, Lamar, and Marion.
Phyllosticta caryae Pk., Leaf Spot. Jones.
Polyporus hemileucus B. & C. Grenada.
Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Stone.

CARYA--continued

C. SP.

Cercospora fusca Rand, Leaf Spot. Lafayette.
Diatrypella hysterioides Ell. & Ev. Webster.
Thelephora retiformis Berk. & Curt. Yazoo.
Tryblidium insculptum Cke. Humphreys.
Valsa deusta Ell. & Ev. Lauderdale.

CASSIA

C. MARILANDICA L., American Senna.

Cercospora chamaecristae Ell. & Kell., Leaf Spot. Pearl River and Union.
Cercospora simulata Ell. & Ev., Leaf Spot. Pearl River.

C. OCCIDENTALIS L., Coffee Senna.

Cercospora occidentalis Cke,, Leaf Spot. Coahoma.
Cercospora sphaeroidea Speg., Leaf Spot. Coahoma.

C. TORA L., Low Senna.

Cercospora nigricans Cke., Leaf Spot. Tippah.

CASTANEA

C. DENTATA(Marsh.) Borkh., American Chestnut.

Endothia parasitica (Murr.) P. J. & H. W. Anderson, Blight. Tishomingo.
Leptothyrium castanicolum Ell. & Ev. Harrison.

C. SP.

Endothia parasitica (Murr.) P. J. & H. W. Anderson, Blight. Harrison.

CATALPA

C. BIGNONIOIDES Walt., Southern Catalpa.

Macrosporium catalpae Ell. & Mart. Leflore and Noxubee.

C. SPECIOSA Warder, Northern Catalpa.

Microsphaera elevata Burr., Powdery Mildew. Marion.
Phyllosticta catalpae Ell. & Martin, Leaf Spot. Clay, George, and Jones.

CAULOPHYLLUM

C. THALICTROIDES (L.) Michx., Blue Cohosh.

Cercospora caulophylli Pk., Leaf Spot. Lafayette.

CEANOTHUS

C. AMERICANUS L., New Jersey Tea Ceanothus.

Phyllosticta ceanothi Miles, Leaf Spot. Marion.

CELASTRUS

C. SCANDENS L., Climbing Bittersweet.
Cercospora melanochaeta Ell. & Ev., Leaf Spot. Bolivar.
Ramularia celastri Ell. & Martin, Leaf Spot. Attala, Lafayette, and Tunica.

CELOSIA

C. SP., Cockscomb.
Heterodera marioni (Cornu) Goodey, Root-knot. Jasper.

CELTIS

C. MISSISSIPPIENSIS Bosc., Southern Hackberry.
Uncinula polychaete Berk. & Curt., Powdery Mildew. Benton.

C. OCCIDENTALIS L., Common Hackberry.
Uncinula pervula Cke. & Pk., Powdery Mildew. Clay.

C. SP.
Eutypella stellulata (Fr.) Sacc. Quitman.

CEPHALANTHUS

C. OCCIDENTALIS L., Button Bush.
Cercospora cephalanthi Ell. & Kell. Jefferson Davis.

CERASTIUM

C. VISCOSUM L., Mouse-ear Chickweed.
Peronospora alsinearum Casp., Downy Mildew. Oktibbeha.
Septoria cerastii Rob. & Desm., Leaf Spot. Hinds and Oktibbeha.

C. VULGATUM L., Large Mouse-ear Chickweed.
Isariopsis alborosella (Desm.) Sacc. Tallahatchie.
Septoria cerastii Rob. & Desm., Leaf Spot. Oktibbeha.

CERCIS

C. CANADENSIS L., Redbud.
Cercospora cercidicola Ell., Leaf Spot. Adams, Bolivar, Montgomery, and Newton.

CHAENOMELES

C. LAGENARIA (Lois.) Koidz., Common Flowering Quince.
Septobasidium retiforme (Berk. & Curt.) Pat., Canker. George.

CHAEROPHYLLUM

C. PROCUMBENS (L.) Crantz., Spreading Chervil.
Puccinia pimpinellae (Strauss) Mart., Rust. Holmes.

CHAMAECRISTA

C. MULTIPINNATA (Poll.) Greene, Manyleaved Sensitive Pea.
Ravenelia cassiaecola Atk., Rust. Oktibbeha.

CHELONE

C. GLABRA L., Snake-head.
Erysiphe galeopsidis DC., Powdery Mildew. Monroe.

CHENOPODIUM

C. ALBUM L., Lambsquarters Goosefoot.
Peronospora effusa (Grev.) Rab., Downy Mildew. Stone.

C. AMBROSIOIDES L., Mexican-Tea.
Cercospora anthelmintica Atk., Leaf Spot. Stone.
Phyllosticta ambrosioidis Thuem., Leaf Spot. Oktibbeha.

CHLORIS

C. SWARTZIANA Doell., Swartz's Chloris.
Cercospora caespitosa Ell. & Ev., Leaf Spot. Monroe.

CHRYSANTHEMUM

C. SP.
Cylindrosporium chrysanthemi Ell. & Dearn., Leaf Spot. Coahoma.
Heterodera marioni (Cornu) Goodey, Root-knot. Holmes, Tate, and Yazoo.
Puccinia chrysanthemi Roze, Rust. Marion.
Septoria chrysanthemella Sacc., Leaf Spot. Alcorn, Hinds, Jasper, Lauderdale, Tippah, and Washington.

CICUTA

C. MACULATA L., Spotted Waterhemlock.
Puccinia cicutae Lasch., Rust. Holmes.

CINNAMOMUM

C. CAMPHORA (L.) Nees & Eberm., Camphor-Tree.
Diplodia camphorae Tassi, Canker. Jackson.
Gloeosporium camphorae Sacc., Leaf Spot. Forrest and Harrison.

CIRCAEA

C. LUTETIANA L., Enchanter's Nightshade.
Puccinia circaeae Pers., Rust. Calhoun.

CIRSIUM

C. ARVENSE (L.) Scop., Canada Thistle.
Septoria cirsii Niessl, Leaf Spot. Tishomingo.

C. LANCEOLATUM (L.) Hill., Common Bur Thistle.
Puccinia cnici H. Mart., Rust. Oktibbeha.

CITRULLUS

C. VULGARIS Schrad., Watermelon.
Cercospora citrullina Cke., Leaf Spot. Webster.
Colletotrichum lagenarium (Pass.) Ell. & Halst., Anthracnose. Jackson, Lee, and Newton.

CITRULLUS--cont.

C. VULGARIS--cont.

Fusarium bulbigenum var. niveum (E. F. Sm.) Wollenweber, Wilt.
Fusarium oxysporum f. niveum (E. F. Sm.) Snyder & Hansen, Wilt. Practically state-wide.
Heterodera marioni (Cornu) Goodey, Root-knot. Lauderdale.

CITRUS

C. AURANTIUM L., Sour Orange.

Capnodium citri Berk. & Desm. Jackson.
Cladosporium citri Mass., Scab. Wayne.
Cladosporium herbarium (Pers.) ex Lk. var. citricola Fawc. & Burger, Jackson.
Colletotrichum gloeosporioides Penz., Wither Tip. Jackson.
Sporotrichum citri Butl., Scab. Jones and Pearl River.

C. GRANDIS, Pummelo.

Colletotrichum gloeosporioides Penz., Wither Tip. Jackson.
Sporotrichum citri Butl., Scab. Lamar.

C. NOBILIS Lour, King Orange.

Colletotrichum gloeosporioides Penz., Wither Tip. Forrest and Jackson.
Pestalozzia guepini Desm., Leaf Spot. Jackson.

C. NOBILIS Lour var. UNSHIU Swingle, Satsuma Orange.

Capnodium citri Berk. & Desm., Sooty Mold.
Cercospora aurantia Heald & Wolf, Leaf Spot. Stone.
Cladosporium citri Mass., Scab. Harrison and Jackson.
Colletotrichum gloeosporioides Penz., Wither Tip. Harrison and Jackson.
Sphaceloma fawcettii A. E. Jenkins, Scab.

C. RETICULATA, Tangerine.

Cladosporium citri Mass., Scab. Jackson.

C. SINENSIS P., Sweet Orange.

Cladosporium citri Mass., Scab. Harrison.

C. SP., Grapefruit.

Colletotrichum gloeosporioides Penz., Wither Tip. George.
Phomopsis citri Fawc., Melanose Stem End Rot. Harrison and Jackson.
Pseudomonas citri Hasse, Citrus Canker. Jackson.

C. SP.

Cladosporium citri Mass., Scab. George, Jackson, and Pearl River.
Colletotrichum gloeosporioides Penz., Wither Tip. George.
Myriangium duriaei Mont. & Berk. Jackson.
Septobasidium pseudopedicellatum Burt, Girdle and Canker. Jackson.

CLAYTONIA

C. VIRGINICA L., Spring Beauty.

Allodus claytoniata Arth. Oktibbeha.

Puccinia mariae-wilsoni G. W. Clint., Rust. Oktibbeha.

CLEMATIS

C. VIRGINIANA L., Virgin's Bower.

Ascochyta clematidina Thuem., Stem Rot and Leaf Spot. George.

Cylindrosporium clematidis Ell. & Ev., Leaf Spot. Jones and Noxubee.

COMANDRA

C. UMBELLATA (L.) Nutt., Common Comandra.

Cronartium comandrae Pk., Rust. Lafayette.

CONVOLVULUS

C. SEPIUM L., Hedge Bindweed.

Puccinia convolvuli (Pers.) Cast., Rust. Jones, Stone, and Tunica.

Septoria flagellaris Ell. & Ev., Leaf Spot. Marion.

COREOPSIS

C. SP.

Cercospora sp., Leaf Spot. Oktibbeha.

CORNUS

C. ALTERNIFOLIA L. f., Pagoda Dogwood.

Zythia aurantiaca (Peck) Sacc. George.

C. AMOMUM Mill., Swamp Dogwood.

Septoria cornicola Desm., Leaf Spot. Oktibbeha.

C. SP., Dogwood.

Cytospora cornui West. Yalobusha.

C. SP.

Glomerularia corni Pk., Anthracnose. Bolivar.

Meliola nidulans (Schw.) Cke., Sooty Mold. Forrest.

Septoria cornicola Desm., Leaf Spot. Quitman.

COTONEASTER

C. SP.

Phyllosticta cydoniae (Desm.) Sacc., Leaf Spot. Coahoma.

CRATAEGUS

C. COCCINEA L., Red Haw.

Gymnosporangium globosum Farl., Rust. Oktibbeha.

Podosphaera oxycanthae (DC.) DBy., Powdery Mildew. Bolivar.

CRATAEGUS--cont.

C. CRUS-GALLI L., Cockspur Thorn.
Gymnosporangium clavipes Cke. & Pk., Rust. Oktibbeha.
Gymnosporangium trachysorum Kern, Rust. Oktibbeha.
Podosphaera oxycanthae (DC.) DBy., Powdery Mildew. Hancock.

C. MARSHALLII Eggl., Parsley Haw.
Gymnosporangium trachysorum Kern, Rust. George.

C. MOLLIS (T. & G.) Scheele, Downy Hawthorn
Discosia artocreas Tode ex Fr., Leaf Spot. Oktibbeha.
Myriangium tuberculans Miles. Oktibbeha.
Septobasidium pedicillatum (Schw.) Pat., Canker. Oktibbeha.

C. SPATHULATA Michx., Small-fruited Thorn or Haw.
Gymnosporangium floriforme Thaxt., Rust. Oktibbeha.

C. SUBMOLLIS Sargent, Emerson's Thorn.
Gymnosporangium globosum Farl., Rust. Oktibbeha.

C. SP., Crabapple.
Gymnosporangium globosum Farl., Rust.

C. SP., Hawthorn.
Gymnosporangium clavipes Cke. & Pk., Rust. Oktibbeha.
Gymnosporangium globosum Farl., Rust. Forrest and Oktibbeha.

C. SP., Mayhaw.
Gymnosporangium globosum Farl., Rust.

C. SP.
Entomosporium thuemenii (Cke.) Sacc. Lafayette.
Gymnosporangium clavipes Cke. & Pk., Rust. Lowndes and Oktibbeha.

CROTALARIA

C. INTERMEDIA Kotschy, Crotalaria.
Fusarium bulbigenum var. tracheiphilum.

C. SPECTABILIS Roth, Showy Crotalaria.
Cercospora sp., Leaf Spot. Oktibbeha.
Corticium vagum Berk. & Curt., Basal Stem Canker.
Oidium erysiphoides Fr. var. crotalariae Ciferri & Fragoso.

CROTON

C. CAPITATUS Michx., Wooly Croton.
Bubakia crotonis (Cke.) Arth., Rust. Oktibbeha.
Phakopsora crotonis Arth., Rust. Oktibbeha.

C. MONANTHOGYNUS Michx., Single-fruited Croton
Bubakia crotonis (Cke.) Arth., Rust. Oktibbeha.
Phakopsora crotonis Arth., Rust. Oktibbeha.
Uromyces graminicola Burr., Rust. Covington.

CUCUMIS

C. MELO L., Muskmelon.

Alternaria brassicae var. nigrescens. Pegl., Leaf Spot. Simpson.
Macrosporium cucumerium Ell. & Ev., Leaf Blight. Rankin.
Sclerotium rolfsii Sacc., Southern Blight. Pearl River.

C. MELO var. CANTALUPENSIS, Cantaloupe.

Colletotrichum lagenarium (Pass.) Ell. & Halst., Anthracnose. Oktibbeha.
Heterodera marioni (Cornu) Goodey, Root-knot. Alcorn.
Pseudoperonospora cubensis (Berk. & Curt.) Rostow., Downy Mildew. Oktibbeha.

C. SATIVUS L., Cucumber.

Bacillus tracheiphilus E. F. Sm., Bacterial Wilt. Oktibbeha.
Colletotrichum lagenarium (Pass.) Ell. & Halst., Anthracnose. Claiborne, Harrison, Jackson, and Tishomingo.
Erysiphe cichoracearum DC., Downy Mildew. Jackson.
Heterodera marioni (Cornu) Goodey, Root-knot. Holmes, Jackson, and Stone.
Pseudoperonospora cubensis (Berk. & Curt.) Rostow., Downy Mildew. Oktibbeha and Pearl River.
Sclerotium rolfsii Sacc., Southern Blight. Pearl River.

CUCURBITA

C. PEPO L., Pumpkin.

Heterodera marioni (Cornu) Goodey, Root-knot. Harrison.

CYAS

C. REVOLUTA Thunb., Fern Palm.

Phoma bresadolae Sacc., Leaf Spot. Harrison.

CYCLAMEN

C. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Grenada.

CYDONIA

C. JAPONICA, Flowering Quince.

Cercospora cydoniae Ell. & Ev., Leaf Spot. Oktibbeha.

C. OBLONGA Mill., Common Quince.

Discosia artocreas Tode ex Fr., Leaf Spot. Harrison.
Entomosporium maculatum Lév., Leaf Blight. Pontotoc.
Fabraea maculata (Lev.) Atk., Leaf Blight. Harrison and Panola.
Gymnosporangium clavipes Cke. & Pk., Rust. Humphreys.

CYNODON

C. DACTYLON (L.) Pers., Bermuda Grass.

Physarum cinereum (Batsch) Pers., Slime Mold. Jones.
Puccinia cynodontis Lacroix., Rust. Oktibbeha.
Ustilago cynodontis Henn., Smut. Lamar.

CYPERUS

C. ROTUNDUS L., Nut Grass Flatsedge.
Puccinia canaliculata (Schw.) Lagerh., Rust. Washington.

C. STRIGOSUS L., Straw-colored Flatsedge.
Puccinia canaliculata (Schw.) Lagerh., Rust. Claiborne.

C. SP.
Puccinia cyperi Arth., Rust. Clarke.

CYRILLA

C. RACEMIFLORA L., Southern Leatherwood.
Aecidium cyrillae Arth., Rust. Jackson.
Lophodermium cyrillicola Tracy & Earle. Jackson.

CYSTOPTERIS

C. FRAGILIS (L.) Bernh., Brittle Bladderfern.
Hyalopsora polypodii (Pers.) Magn., Leaf Spot. Lafayette.

DACTYLIS

D. GLOMERATA L., Orchard Grass.
Scolecotrichum graminis Fckl., Leaf Blotch. Choctaw.

DACTYLOCTENIUM

D. AEGYPTIUM (L.) Willd., Crowfoot Grass.
Ustilago sparsa Underw., Smut. Leflore.

DAHLIA

C. SP.
Alternaria fasciculata (Cke. & Ell.) Jones & Grout, Leaf Spot. Clay.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Grenada, Lamar, and Oktibbeha.

DASYSTOMA

D. VIRGINICA (L.) Britton, Smooth False Foxglove.
Cercospora gerardiae Ell. & Dearn., Leaf Spot. Noxubee.

DATURA

D. STRAMONIUM L., Jimsonweed.
Alternaria solani (Ell. & Mart.) Jones & Grout, Early Blight. George and Itawamba.
Macrosporium solani Ell. & Martin, Leaf Spot. Harrison and Tate.

DAUCUS

D. CAROTA L., Carrot.
Cercospora apii Fr. var. carotae Pass., Leaf Spot. Marshall.
Macrosporium carotae Ell. & Lam., Leaf Blight. Coahoma and Hinds.

DELPHINIUM

D. SP., Larkspur.
Sclerotium rolfsii Sacc., Southern Blight. Franklin.

DESMODIUM

D. CANADENSE (L.) DC., Canada Tickclover.
Ramularia desmodii Cke., Leaf Spot. Lawrence.
Uromyces hedysari-paniculati (Schw.) Farl., Rust. Choctaw and Oktibbeha.

D. CANESCENS DC., Hoary Ticktrefoil.
Synchytrium decipiens Farl. Forrest.

D. LONGIFOLIUM Nutt.
Uromyces hedysari-paniculati (Schw.) Farl., Rust. Alcorn.

D. MARILANDICUM (L.) DC., Maryland Tickclover.
Uromyces hedysari-paniculati (Schw.) Farl., Rust. Tishomingo.

D. PANICULATUM (L.) DC., Panicled Tickclover.
Parodiella perisporioides (Berk. & Curt.) Speg., Black Spot. Wayne.
Uromyces hedysari-paniculati (Schw.) Farl., Rust. Choctaw and Oktibbeha.

D. RIGIDUM DC., Rigid Tickclover
Parodiella perisporioides (Berk. & Curt.) Speg., Black Spot. Amite and Noxubee.
Uromyces hedysari-paniculati (Schw.) Farl., Rust. Oktibbeha.

D. SP.
Parodiella perisporioides (Berk. & Curt.) Speg., Black Spot. Hinds.
Uromyces hedysari-paniculati (Schw.) Farl., Rust. Oktibbeha.

DEUTZIA

D. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. Covington.

DIANTHUS

D. BARBATUS L., Sweet-William.
Puccinia arenariae (Schum.) Wint., Rust. Marion and Monroe.

D. CARYOPHYLLUS L., Carnation.
Alternaria dianthi Stev. & Hall., Leaf Spot. Simpson.

D. SP., Carnation.
Alternaria dianthi Stev. & Hall., Leaf Spot. Harrison.
Heterodera marioni (Cornu) Goodey, Root-knot. Lee.
Septoria dianthi Desm., Leaf Spot. Hinds.
Uromyces caryophyllinus (Schr.) Wint., Rust. Lauderdale, Lee, and Washington.

DICHONDRA

D. CAROLINENSIS Michx., Dichondra.
Puccinia dichondrae Mont., Rust. Harrison.

DIERVILLA

D. SP., Bushhoneysuckle.
Septoria diervillae Ell. & Ev., Leaf Spot. Simpson.

DIGITARIA

D. SANGUINALIS (L.) Scop., Hairy Crabgrass.
Tilletia corona Scribn., Smut. Marion.
Tilletia pulcherrima Ell. & Gall., Smut. Perry.
Ustilago rabenhorstiana Kuehn , Smut. Coahoma, Lee, Oktibbeha, and Winston.

DIODIA

D. TERES Walt., Rough Buttonweed.
Cercospora diodiae Cke., Leaf Spot. Pearl River.
Cercospora diodiae-virginianae Atk., Leaf Spot. Pearl River.
Uromyces spermacoces (Schw.) Curt., Rust. Choctaw, Marion, and Oktibbeha.

DIOSPYROS

D. KAKI L. f., Japanese Persimmon.
Gloeosporium diospyri Ell. & Ev., Leaf Spot. Jackson.

D. VIRGINIANA L., Common Persimmon.
Cercospora diospyri (Thuem.) Cke., Leaf Spot. Oktibbeha.
Cercospora flexuosa Tracy & Earle. Oktibbeha.
Cercospora fuliginosa Ell. & Kell., Leaf Spot. Lamar.
Clasterosporium sp. Lamar.
Gloeosporium diospyri Ell. & Ev., Leaf Spot. Oktibbeha.

DISTICHLIS

D. SPICATA (L.) Greene, Seashore Saltgrass.
Physalospora cynodontis DeLac. George.

DUCHESNEA

D. INDICA (Andr.) Focke, Indian Strawberry.
Frommea duchesneae Arth. Harrison and Hinds.
Kuehneola duchesneae Arth., Rust. Hinds.

ECHINOCHLOA

E. CRUS-GALLI (L.) Beauv., Barnyardgrass.
Vermicularia affinis S. & B. Forrest.

ECHIUM

E. VULGARE L., Blueweed
Cercospora echii Wint., Leaf Spot. Bolivar.

ELAEAGNUS

E. SP., Silverberry
Cercospora elaeagni Heald & Wolf, Leaf Spot. Coahoma.

E. SP.
Phyllosticta argyrea Speg., Leaf Spot. Washington.

ELEOCHARIS

E. OBTUSA (Willd.) Schultes, Blunt Spikesedge.
Puccinia eleocharidis Arth., Rust. Tishomingo.

ELEPHANTOPUS

E. CAROLINIANUS Willd., Carolina Elephant's Foot.
Coleosporium elephantopodis (Schw.) Thuem., Rust. George, Lafayette, Oktibbeha, and Perry.

E. NUDATUS A. Gray, Smoothish Elephant's Foot.
Coleosporium elephantopodis (Schw.) Thuem., Rust. Oktibbeha and Perry.

E. TOMENTOSUS L., Tobaccoweed.
Coleosporium elephantopodis (Schw.) Thuem., Rust. Oktibbeha.

ELYMUS

E. CANADENSIS L., Canada Wild-Rye.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Oktibbeha.
Puccinia graminis Pers., Rust. Oktibbeha.
Urocystis agropyri (Preuss) Schroet., Smut. Oktibbeha.

E. VIRGINICUS L., Virginia Wild-Rye.
Septoria bromi Sacc., Leaf Spot. Holmes.

ERAGROSTIS

E. SP., Grass.
Helminthosporium geniculatum Tracy & Earle, Leaf Spot. Claiborne.

E. SP.
Dinemasporium gramineum Lév. Carroll.

ERIANTHUS

E. CONTORTUS Ell., Beardgrass.
Cerebella andropogonis Ces., False Smut. Bolivar.

ERIGERON

E. ANNUUS (L.) Pers., Sweet Scabious.
Septoria erigerontis Pk., Leaf Spot. Oktibbeha.

E. PHILADELPHICUS L., Philadelphia Fleabane.
Cercosporella cana (Pass.) Sacc. Oktibbeha.
Puccinia asterum Kern., Rust. Oktibbeha.
Puccinia extensicola asteris (Thuem.) Arth., Rust. Oktibbeha.
Puccinia extensicola erigerontis Arth., Rust. Oktibbeha.
Virus, Aster Yellows.

EUONYMUS

E. ATROPURPUREUS Jacq., Burningbush.
Microsphaera alni (DC.) Wint., Powdery Mildew. Pearl River.

E. JAPONICUS Thunb., Evergreen Burningbush.
Cercospora destructiva Rav., Leaf Spot. Forrest.
Colletotrichum griseum Heald & Wolf, Anthracnose. Adams, Coahoma, George, Grenada, Harrison, Jones, Kemper, Lauderdale, Leflore, Monroe, Noxubee, Oktibbeha, and Wayne.
Exosporium concentricum Heald & Wolf, Leaf Spot. Alcorn and Lowndes.
Glomerella cingulata (Stonem.) Spauld. & Schrenk., Anthracnose. Hinds, Lauderdale, and Oktibbeha.
Oidium euonymi-japonici (Arcang.) Sacc., Powdery Mildew. Adams, Clarke, Copiah, Harrison, Jefferson, Lauderdale, Pike, and Walthall.
Oidium sp., Powdery Mildew. Jones.

E. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. Greene and Holmes.
Microsphaera alni (DC.) Wint., Powdery Mildew. Tunica.
Phyllosticta euonymi Sacc., Leaf Spot. Marshall.

EUPATORIUM

E. COELESTINUM L., Mistflower Eupatorium.
Puccinia conoclini Seym., Rust. Newton and Oktibbeha.

E. PERFOLIATUM L., Common Thoroughwort.
Septoria eupatorii Rob. & Desm., Leaf Spot. Oktibbeha.

E. ROTUNDIFOLIUM L., Roundleaf Thoroughwort.
Puccinia eleocharidis Arth., Rust. Harrison.

E. URTICAEFOLIUM Reichard, White Snakeroot.
Cercospora ageratoidis Ell. & Ev., Leaf Spot. Yalobusha.
Entyloma compositarum Farl., Leaf Smut. Rankin.
Puccinia tenuis (Schw.) Burr., Rust. Lafayette.

E. SP.
Puccinia eleocharidis Arth., Rust. Harrison.

EUPHORBIA

E. COROLLATA L., Flowering Spurge Euphorbia.
Microsphaera euphorbiae (Pk.) Berk. & Curt., Powdery Mildew. Tippah.

E. HETEROPHYLLA L., Painted Euphorbia.
Uromyces proëminens (DC.) Pass., Rust. Jones.

E. HUMISTRATA Engelm., Hairy Spreading Spurge.
Uromyces proëminens (DC.) Pass., Rust. Jackson.

EUPHORBIA--cont.

E. MACULATA L., Spotted Euphorbia.
Nigredo proëminens Arth., Rust. Stone.
Scolecotrichum euphorbiae Tracy & Earle, Leaf Spot. Jones.

E. MARGINATA Pursh, Snow-on-the-Mountain Euphorbia.
Puccinia panici Diet., Rust. Simpson.

E. SERPYLLIFOLIA Pers., Thymeleaf Spurge.
Peronospora euphorbiae Fckl., Downy Mildew. Jackson.
Uromyces proëminens (DC.) Pass., Rust. Jackson.

E. SP.
Uromyces prëominéns (DC.) Pass., Rust. Sunflower.

FAGUS

F. GRANDIFOLIA Ehrh., American Beech.
Asterosporium hoffmani Kunze. Lee.
Diatrype virescens (Schw.) Cke. Union.
Phyllactinia corylea (Pers.) Karst., Powdery Mildew. Oktibbeha.
Polyporus versicolor (L.) Fr. Rankin.

F. SYLVATICA L., European Beech.
Phyllactinia corylea (Pers.) Karst., Powdery Mildew. Oktibbeha.

FICUS

F. CARICA L., Fig.
Cercospora bolleana (Thurston) Sacc., Leaf Spot. Forrest, Jackson, Wilkinson, and Yalobusha.
Cercospora fici Heald & Wolf, Leaf Spot. Harrison and Jackson.
Corticium laetum Karst., Limb Blight. Hancock, Stone, and Tate.
Corticium stevensii Burt, Leaf Blight. Lamar and Pike.
Gloeosporium sp., Fruit Rot or Anthracnose. Yazoo.
Glomerella fructigena (Clint.) Sacc., Anthracnose. Jackson.
Heterodera marioni (Cornu) Goodey, Root-knot. George, Hancock, Hinds, Lauderdale, Lee, Noxubee, and Oktibbeha.
Macrophoma fici Alm. & Cam., Canker.
Physopella fici Arth., Rust.
Rhizoctonia microsclerotia Matz, Leaf Blight. Amite, Hancock, and Pearl River.
Tubercularia fici Edg. Jefferson.

F. ELASTICA Roxb., Indiarubber Fig: Rubberplant.
Glomerella cincta (Stonem.) Spauld. & Schrenk, Anthracnose. Lamar.

FIMBRISTYLIS

F. AUTUMNALIS (L.) R. & S., Slender Umbelled Spikerush.
Cintractia axicola (Berk.) Cornu, Smut. Jackson, Marion, and Scott.
Ustilago fimbristylis Thuem., Smut. Lauderdale.

FORSYTHIA

F. SP.

Coryneum kunzei Cda., Blight. Jackson.
Heterodera marioni (Cornu) Goodey, Root-knot. Clay, Covington, and Leflore.

FORTUNELLA

F. HINDSI, Hongkong Kumquat.

Phyllosticta sp., Leaf Spot. Harrison.

F. SP., Kumquat

Diaporthe citri Wolf, Melanose.
Stereum albobadium (Schw.) Fr. Jackson.

FRAGARIA

F. VIRGINIANA Duchesne, Virginia Strawberry.

Diplocarpon earliana (Ell. & Ev.) Wolf, Leaf Scorch. Monroe.
Mycosphaerella fragariae (Tul.) Lindau, Leaf Spot. Alcorn, Calhoun, Claiborne, Clarke, Jackson, Lafayette, Lauderdale, Leake, Lowndes, Marshall, Monroe, Montgomery, Oktibbeha, and Webster.
Phoma obscurans Ell. & Ev. Pontotoc.

F. SP.

Botrytis vulgaris (Pers.) Fr., Gray Mold. Attala and Lauderdale.
Dendrophoma obscurans (Ell. & Ev.) H. W. Anderson, Leaf Scorch.
Diplocarpon earliana (Ell. & Ev.) Wolf, Leaf Scorch.
Heterodera marioni (Cornu) Goodey, Root-knot. Jackson and Lauderdale.
Mycosphaerella fragariae (Tul.) Lindau, Leaf Spot.
Pezizella lythri Shear & Dodge, Tan Rot.
Sphaerella earliana Wint. Lauderdale.

FRAXINUS

F. AMERICANA L., White Ash.

Piggotia fraxini Berk. & Curt., Leaf Spot. Oktibbeha and Tishomingo.

F. PENNSYLVANICA Marsh., Red Ash.

Piggotia fraxini Berk. & Curt., Leaf Spot. Webster.
Puccinia fraxinata Arth., Rust. Harrison.
Puccinia peridermiospora (Ell. & Tracy) Arth., Rust. Scott.

F. SP., Dead wood of

Apiosporium erysiphioides Sacc. & Ell. Simpson.

F. SP.

Cylindrosporium minus Ell. & Kell., Leaf Spot. Chickasaw.
Dimerosporium pulchrum Sacc. Quitman.
Poria punctata Fr. Webster.

GALAX
G. SP.
Asterina leemingii Ell. & Ev. Alcorn.

GALIUM
G. APARINE L., Catchweed Bedstraw.
Puccinia punctata Lk., Rust. Oktibbeha.

G. CONCINNUM Torr. & Gray, Shining Bedstraw.
Puccinia punctata Lk., Rust. Pearl River.

GARDENIA
G. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. Greene, Harrison, Lauderdale, Leflore and Monroe.

GAURA
G. ANGUSTIFOLIA Michx., Narrowleaf Gaura.
Uromyces plumbarius Pk., Rust. Oktibbeha.

G. COCCINEA Pursh, Scarlet Gaura.
Uromyces plumbarius Pk., Rust. Wilkinson.

GERANIUM
G. CAROLINIANUM L., Carolina Geranium.
Pestalozziella subsessilis Sacc. & Ell., Leaf Spot. Oktibbeha.
Rhysotheca geranii (Pk.) Wils. Oktibbeha.

GEUM
G. CANADENSE Jacq., White Avens.
Peronospora potentillae DBy., Downy Mildew. Clay and Monroe.

GINKGO
G. BILOBA L.
Heterodera marioni (Cornu) Goodey, Root-knot. Stone.

GLADIOLUS
G. SP.
Bacterium marginatum L. McCul., Stem Rot.
Fusarium sp., Bulb Rot.
Heterodera marioni (Cornu) Goodey, Root-knot. Lee.
Penicillium gladioli McCul. & Thom, Storage Rot. Lee.
Saccharomyces sp., Yeast. Lauderdale.
Septoria gladioli Pass., Hard Rot, Leaf Spot. Alcorn, Harrison, Jackson, Pearl River, and Warren.

GLEDITSIA
G. TRIACANTHOS L., Honeylocust.
Cercospora olivacea (Berk. & Rav.) Ell., Leaf Spot. Sunflower.
Cercospora seymouriana Wint., Leaf Spot. Sunflower.

GLEDITSIA--cont.

G. TRIACANTHOS--cont.

Melasmia gleditschiae (Lév.) Ell. & Ev., Tar Spot. Carroll and Monroe.

Microsphaera ravenelii Berk., Powdery Mildew. Attala and Kemper.

Myriangium duriaei Mont. & Berk. Pearl River.

Nummularia discreta (Schw.) Tul., Canker. Calhoun.

GLYCERIA

G. FLUITANS (L.) R. Br., Water Mannagrass.

Ustilago longissima (Sow.) Tul. var. macrospora Davis, Smut. Rankin.

GNAPHALIUM

G. PURPUREUM L., Purplish Cudweed.

Cercospora gnaphaliacea Cke., Leaf Spot. Pearl River.

Plasmopara halstedii (Farl.) B. & DeT., Downy Mildew. Union.

GOSSYPIUM

G. HERBACEUM L., Levant Cotton.

Alternaria gossypii Auct., Leaf Spot. Holmes.

Glomerella gossypii (South.) Edg., Anthracnose. Lamar.

Phyllosticta gossypina Ell. & Martin, Leaf Spot. Madison.

Ramularia areola Atk., Frosty Mildew. Choctaw and Clarke.

G. HIRSUTUM L., Upland Cotton.

Agrobacterium tumefaciens (E. F. Sm. & Town) Conn., Crown Gall. Oktibbeha.

Alternaria gossypii Auct., Leaf Spot. State-wide.

Alternaria sp., Leaf Spot.

Ascochyta gossypii Syd., Blight. Bolivar and Tunica.

Cercospora gossypina Cke., Leaf Spot.

Diplodia gossypina Cke., Boll Rot.

Fusarium oxysporum f. vasinfectum (Atk.) Snyder & Hansen, Wilt. Montgomery.

Fusarium vasinfectum Atk., Wilt.

Fusarium spp., Boll Rot.

Glomerella gossypii (South.) Edg., Anthracnose.

Macrosporium nigricantium Atk., Leaf Spot. Clay.

Myrothecium roridum Tode, (assoc. with leaf spot).

Phoma sp., Leaf Spot. Tunica.

Ramularia areola Atk., Frosty Mildew. Lafayette and Panola.

Rhizoctonia solani Kuehn, Leaf Blight and Sore Shin.

Septocylindrium areola (Atk.) Pk. & Clint., Leaf Spot. Noxubee.

Thielaviopsis basicola (Berk.) Ferr., Collar Rot, Seedling Root Rot. Oktibbeha.

Verticillium albo-atrum R. & B., Verticillium Wilt. Benton, Bolivar, Coahoma, Claiborne, DeSoto, Humphreys, Lafayette, Leake, Leflore, Marshall, Panola, Sunflower, Tallahatchie, Tunica, Union, and Washington.

GOSSYPIUM--cont.

G. HIRSUTUM--cont.

Xanthomonas malvacearum (E. F. Sm.) Dowson, Black Arm, Angular Leaf Spot. Clay, Humphreys, Noxubee, Tallahatchie, Union, and Washington.

G. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Choctaw, Clarke, Leake, Leflore, Pearl River, Tate, Tishomingo, and Washington.

HAMAMELIS

H. VIRGINIANA L., Common Witchhazel.

Gonobotryum maculicola (Wint.) Sacc., Leaf Spot. Tishomingo.
Phyllosticta hamamelidis Pk., Leaf Spot. Harrison and Wayne.
Podosphaera binuncinata Cke. & Peck, Powdery Mildew. Franklin and Perry.

HEDERA

H. HELIX L., English Ivy.

Phyllosticta concentrica Sacc., Leaf Spot. Jackson.
Phyllosticta hedericola Dur. & Mont., Leaf Spot. Washington.
Vermicularia trichella Fr. Jefferson Davis and Tippah.

HELIANTHUS

H. ANGUSTIFOLIUS L., Swamp Sunflower.

Puccinia helianthi Schw., Rust. Tishomingo.

H. ANNUUS L., Common Sunflower

Puccinia helianthi Schw., Rust. Lowndes.
Septoria helianthi Ell. & Kell., Leaf Spot. Noxubee.

H. ATROPURPUREUS L., Hairy Wood Sunflower.

Puccinia helianthi Schw., Rust. Alcorn.

H. DIVARICATUS L., Woodland Sunflower.

Dicaeoma helianthi-mollis Arth., Rust. Jones.
Montagnella heliopsidis (Schw.) Sacc. Oktibbeha.
Puccinia helianthi Schw., Rust. Jones.

H. GIGANTEUS L., Giant Sunflower.

Coleosporium helianthi (Schw.) Arth., Rust. Oktibbeha.

H. HIRSUTUS Raf., Stiffhaired Sunflower.

Erysiphe cichoracearum DC., Powdery Mildew. Pearl River.
Puccinia helianthi Schw., Rust. Choctaw.

H. MOLLIS Lam., Ashy Sunflower

Puccinia helianthi Schw., Rust. Alcorn.

H. TUBEROSUS L., Jerusalem Artichoke Sunflower.

Erysiphe cichoracearum DC., Powdery Mildew. Rankin.

HELIANTHUS--cont.

H. SP., Sunflower.
Erysiphe cichoracearum DC., Powdery Mildew. Oktibbeha.

HIBISCUS

H. ESCULENTUS L., Okra.
Cercospora hibisci Tracy & Earle, Leaf Spot. Jackson, Madison, and Tippah.
Cercospora spp., Leaf and Pod Spot.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Choctaw, Clarke, Clay, Forrest, Harrison, Holmes, Humphreys, Jackson, Jasper, Jones, Lauderdale, Leake, Leflore, Neshoba, Newton, Tippah, Warren, Washington, Wayne, Webster, and Winston.

H. SYRIACUS L., Shrub Althea, Rose-of-Sharon.
Kuehneola malvicola (Speg.) Arth., Rust. Jackson and Jones.

HORDEUM

H. JUBATUM L., Foxtail Barley.
Puccinia graminis Pers., Stem Rust. Hancock.

H. NODOSUM L., Meadow Barley.
Uromyces hordeinus Arth., Rust. Lauderdale.

H. PUSILLUM Nutt., Little Barley.
Erysiphe graminis DC., Powdery Mildew. Oktibbeha and Yalobusha.
Uromyces hordei Tracy, Leaf Rust. Oktibbeha.

H. VULGARE L., Barley.
Helminthosporium sativum (Pam.) King & Bakke, Spot-Blotch. Oktibbeha.
Helminthosporium sp., Leaf Spot.
Puccinia anomala Rostr., Leaf Rust.
Ustilago hordei (Pers.) Kell. & Swing., Loose Smut. Issaquena, Jackson, and Oktibbeha.
Ustilago nuda (Jens.) Kell. & Swing., Loose Smut. Oktibbeha and Warren.

HOUSTONIA

H. COERULEA L., Bluets.
Aecidium oldenlandianum Ellis & Tr., Rust. Oktibbeha.
Peronospora seymourii Burr., Downy Mildew. Oktibbeha.
Uromyces peckianus Farl., Rust. Oktibbeha.

H. PURPUREA L., Large Houstonia.
Uromyces peckianus Farl., Rust. Oktibbeha.

HYDRANGEA

H. ARBORESCENS L., Smooth Hydrangea.
Botrytis cinerea Pers., Blight. Wayne.
Pucciniastrum hydrangeae (Berk. & Curt.) Arth., Rust. Covington.
Septoria hydrangeae Bizz., Leaf Spot. Franklin.

HYDRANGEA

H. SP.

Cercospora hydrangeae Ell. & Ev., Leaf Spot. Forrest and Oktibbeha.

Gloeosporium sp., Leaf Spot. Hinds.

Heterodera marioni (Cornu) Goodey, Leaf Spot. Tunica.

Septoria hydrangeae Bizz., Leaf Spot. Lauderdale, Tallahatchie, and Washington.

HYDROCOTYLE

H. UMBELLATA L., Umbellata Marsh Pennywort.

Puccinia hydrocotyles (Link.) Cke., Rust. Jackson.

H. VERTICILLATA Thunb., Marsh Pennywort.

Cercospora hydrocotyles Ell. & Ev., Leaf Spot. Jones.

H. SP.

Septoria hydrocotyles Desm., Leaf Spot. Jackson.

HYPERICUM

H. MUTILUM L., Dwarf St. Johnswort.

Nigredo hyperici-frondosi Arth., Rust. Lafayette.

H. PROLIFICUM L., Shrubby St. Johnswort.

Uromyces hyperici (Spreng) Curt., Rust. Hinds.

HYPOXIS

H. HIRSUTA (L.) Coville, Common Goldstargrass.

Uromyces affinis Wint., Rust. Jackson.

HYSTRIX

H. PATULA Moench, Bottlebrush Grass.

Septoria bromi Sacc., Leaf Spot. Calhoun.

ILEX

I. CORIACEA (Pursh) Chapm., Shining Inkberry.

Asterina pelliculosa Berk. Jackson and Smith.

Aulographum angustiforme (Tracy & Earle) Thiess. Jackson.

Lembosia angustiformis Tracy & Earle. Jackson.

I. DECIDUA Walt., Possumhaw.

Rhytisma velatum (Schw.) Fr., Tar Spot. Forrest.

I. OPACA Ait., American Holly.

Asterina pelliculosa Berk. Newton.

Cercospora ilicis Ell., Leaf Spot. Oktibbeha.

Macrosporium fasciculatum Cke. & Ell., Leaf Spot. Bolivar.

Phyllosticta opaca Ell. & Ev., Leaf Spot. Jackson.

Placosphaeria ilicus Miles. Harrison.

Rhytisma curtisii Berk. & Rav., Tar Spot. Harrison and Leflore.

ILEX--cont.

I. VERTICILLATA (L.) A. Gray, Winterberry.
Micropera caespitosa (Pkr.) Archer. Panola.
Rhytisma ilicis-canadensis Schw., Tar Spot. Noxubee and Oktibbeha.

ILLICIUM

I. FLORIDANUM Ellis, Florida Anisetree.
Asteridium illicii Tracy & Earle. Jefferson Davis.
Laestadia illiciicola Tracy & Earle. Jackson.
Lembosia illiciicola Tracy & Earle. Jackson.

IMPATIENS

I. BIFLORA Walt., Spotted Touch-Me-Not.
Puccinia rubigo-vera (DC.) Wint., Rust. Holmes and Winston.
Puccinia rubigo-vera impatientis (Arth.) Mains., Rust. Holmes and Winston.
Rhysotheca obducens (Schroet) Wils. Clay.

I. PALLIDA Nutt., Pale Touch-Me-Not.
Puccinia argentata (Schultz) Wint., Rust. Attala.
Puccinia rubigo-vera (DC.) Wint., Rust. Choctaw.

IPOMOEA

I. BARBIGERA Sweet., Bearded Morning-glory.
Coleosporium ipomoeae (Schw.) Burr., Rust. Adams.

I. BATATAS (L.) Lam., Sweetpotato.
Actinomyces ipomoea Person, Soil Rot.
Albugo ipomoeae-panduranae (Schw.) Swing., White Rust. Adams, Amite, Holmes, and Tishomingo.
Ceratostomella fimbriata Elliott, Black Rot. Leflore, Oktibbeha, and Wayne.
Colletotrichum sp. (assoc. with leaf spot)
Fusarium batatatis Wollenw., Stem Rot.
Fusarium hyperoxysporum Wollenw., Stem Rot.
Fusarium spp., Wilt.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Bolivar, Holmes, Itawamba, Jackson, Jasper, Lauderdale, Leake, Lee, Pike, and Tunica.
Monilochaetes infuscans Ell. & Halsted, Scurf.
Phyllosticta batatas (Thum.) Cke., Leaf Spot. George, Jackson, and Jones.
Physarum plumbeum Fr., Slime Mold. Forrest, Marshall, and Warren.
Physorella oblonga (Berk. & Curt.) Morg. Greene.
Plenodomus destruens Harter, Foot Rot. Chickasaw, Coahoma, Marshall, Oktibbeha, Quitman, and Wilkinson.
Rhizopus nigricans Ehrenb. ex Fr., Soft Rot.

IPOMOEA--cont.

I. BATATAS--cont.

Sclerotium rolfsii Sacc., Southern Blight. Adams, Hinds, and Marshall.

Septoria sp. Leaf Spot.

Sphaeronema fimbriatum (Ell. & Halst.) Sacc., Black Rot. Webster.

Stemonitis fusca (Roth) Rost., Slime Mold. Madison.

Virus, Mosaic. Pontotoc.

I. DIGITATA L., Fingerleaf Morning-glory.

Coleosporium ipomoeae (Schw.) Burr., Rust. Coahoma.

I. HEDERACEA Jacq., Ivyleaf Morning-glory.

Albugo ipomoeae-panduranae (Schw.) Swing., White Rust. Jackson and Montgomery.

Coleosporium ipomoeae (Schw.) Burr., Rust. Jackson.

Cystopus ipomoeae-panduranae Farl. Lauderdale.

I. LACUNOSA L., White Morning-glory.

Coleosporium ipomoeae (Schw.) Burr., Rust. Alcorn.

I. PANDURATA (L.) Mey., Wild Potato Vine.

Albugo ipomoeae-panduranae (Schw.) Swing., White Rust. Oktibbeha.

Coleosporium ipomoeae (Schw.) Burr. Rust. Coahoma.

Phyllosticta ipomoeae Ell. & Kell., Leaf Spot. Jackson.

I. PURPUREA (L.) Roth, Common Morning-glory.

Albugo ipomoeae-panduranae (Schw.) Swing., White Rust. Marion.

Coleosporium ipomoeae (Schw.) Burr., Rust. Adams.

I. SP., Morning-glory.

Coleosporium ipomoeae (Schw.) Burr., Rust. Oktibbeha.

IRIS

I. VERSICOLOR L., Blueflag Iris.

Mollisia iridis (Rehm.) Sacc. Bolivar.

I. SP.

Didymellina iridis (Desm.) V. Hoehn., Leaf Spot. Neshoba and Washington.

Didymellina macrospora Kleb., Leaf Spot. Panola.

Puccinia iridis (DC.) Wallr., Rust. Lamar, Monroe, and Pike.

Sclerotium rolfsii Sacc., Southern Blight. Oktibbeha and Scott.

Scolecotrichum iridis Fautr. & Roum., Leaf Spot. Hinds, Leflore, Marshall, and Oktibbeha.

Virus, Mosaic.

JUGLANS

J. CINEREA L., Butternut.

Marssonia juglandis (Lib.) Sacc., Leaf Spot. Lafayette.

JUGLANS--cont.

J. NIGRA L., Eastern Black Walnut.
Cytospora juglandicola Ell. & Barth. Kemper and Leflore.
Marssonia juglandis (Lib.) Sacc., Leaf Spot. Bolivar.
Microstroma juglandis (Ber.) Sacc., Leaf Spot. Issaquena, Panola, and Yazoo.

J. SP., Walnut.
Cylindrosporium juglandis Wolf., Leaf Spot. Lauderdale.
Gnomonia leptostyla (Fr.) Ces. & DeN., Leaf Spot. Tunica.
Marssonia juglandis (Lib.) Sacc., Leaf Spot. Leflore.

JUNCUS

J. ACUMINATUS Michx., Sharpfruited Rush.
Cintractia junci (Schw.) Trel., Smut. Quitman.

JUNIPERUS

J. BERMUDIANA L., Bermuda Red Cedar.
Gymnosporangium bermudianum (Farl.) Earle, Rust. Harrison.

J. CHINENSIS L., Pyramid Chinese Juniper.
Pitya cupressi (Batsch) Fckl. Jefferson Davis.

J. PFITZERIANA, Pfitzer's Juniper.
Agrobacterium tumefaciens (E. F. Sm. & Town.) Conn, Crown Gall.

J. VIRGINIANA L., Eastern Red Cedar.
Gymnosporangium bermudianum (Farl.) Earle, Rust. Harrison.
Gymnosporangium clavipes Cke. & Pk., Rust. Oktibbeha and Washington.
Gymnosporangium floriforme Thaxt., Rust. Lowndes and Oktibbeha.
Gymnosporangium globosum Farl., Rust. Oktibbeha.
Gymnosporangium nidus-avis Thaxt., Rust. Washington.
Polyporus barbatulus (Fr.) Rav. Issaquena.

JUSSIAEA

J. DECURRENS (Walt.) DC., Water Primrose.
Puccinia jussiaeae Speg., Rust. Coahoma.

KALMIA

K. LATIFOLIA L., Mountain-laurel.
Phyllosticta kalmicola (Schw.) Ell. &Ev., Leaf Spot. Harrison.
Phyllosticta latifoliae Ell. & Ev., Leaf Spot. George.
Septoria kalmiaecola (Schw.)Berk. & Curt., Leaf Spot. Harrison.

KERRIA

K. JAPONICA DC., Japanese Kerria.
Coccomyces kerriae V. B. Stewart, Twig and Leaf Blight. Neshoba.

KOELLIA

K. MUTICA (Michx.) Britton, Short-toothed Mountain-mint.
Puccinia menthae Pers., Rust. Lee.

KOELLIA--cont.

K. VIRGINIANA (L.) MacM., Virginia Mountain-mint.
Puccinia menthae Pers., Rust. Lafayette.

KRIGIA

K. DANDELION (L.) Nutt., Dwarf-Dandelion.
Bremia lactucae Regel., Downy Mildew. Oktibbeha.

K. VIRGINICA (L.) Willd., Carolina Dwarf-Dandelion.
Puccinia maculosa Schw., Rust. Hancock.

KUHNIA

K. EUPATORIOIDES L., False Boneset.
Puccinia kuhniae Schw., Rust. Choctaw.

KYLLINGA

K. PUMILA Michx., Low Kyllinga.
Helminthosporium sp., Leaf Spot. Oktibbeha.

LACTUCA

L. CANADENSIS L., Canada Lettuce.
Bremia lactucae Regel., Downy Mildew. Choctaw.
Dicaeoma hieraciatum Arth. & Kern., Rust. Oktibbeha.
Puccinia extensicola hieraciata (Schw.) Arth., Rust. Oktibbeha.
Septoria lactucicola Ell.& Martin, Leaf Spot. Oktibbeha.

L. SATIVA L., Garden Lettuce.
Bremia lactucae Regel., Downy Mildew. Copiah.
Sclerotinia sclerotiorum (Lib.) Massee, Watery Soft Rot.

LAGERSTROEMIA

L. INDICA L., Common Crapemyrtle.
Erysiphe lagerstroemiae West., Powdery Mildew. Chicasaw, Clarke, and Jasper.
Uncinula australiana McAlpine, Powdery Mildew.

LAMIUM

L. AMPLEXICAULE L., Henbit Deadnettle
Peronospora lamii Braun, Downy Mildew. Coahoma.

LATHYRUS

L. ODORATUS L., Sweetpea.
Glomerella rufomaculans (Berk.) Spauld. & Schrenk, Anthracnose. Oktibbeha.

LEERSIA

L. LENTICULARIS Michx., Catch-fly Grass.
Tilletia corona Scribn., Smut. Jefferson.

LEERSIA--cont.

L. ORYZOIDES Sw., Rice Cut-Grass.
Tilletia corona Scribn., Smut. Copiah.

L. VIRGINICA Willd., White Grass.
Uromyces halstedii DeT., Rust. Harrison.

LEPIDIUM

L. VIRGINICUM L., Virginia Pepperweed.
Albugo candida (Pers. ex Lév.) O. Kuhze, White Rust. Harrison.
Peronospora parasitica (Pers.) DBy., Downy Mildew. Oktibbeha.
Septoria lepidiicola Ell. & Martin, Leaf Spot. Grenada.

LEPTOCHLOA

L. FILIFORMIS (Lam.) Beauv., Red Sprangletop.
Ustilago ornata Tracy & Earle, Smut. Rankin.

LESPEDEZA

L. CAPITATA Michx., Roundheaded Lespedeza.
Uromyces lespedezae-procumbentis (Schw.) Curt., Rust. Calhoun.

L. HIRTA (L.) Hornem., Hairy Lespedeza.
Uromyces lespedezae-procumbentis (Schw.) Curt., Rust. Tishomingo.

L. INTERMEDIA (Wats.) Britt., Wand Lespedeza.
Uromyces lespedezae-procumbentis (Schw.) Curt., Rust. Lee.

L. REPENS (L.) Bart., Creeping Lespedeza.
Nigredo lespedezae-procumbentis Arth., Rust. Calhoun.

L. STRIATA (Thunb.) H. & A., Common Lespedeza.
Microsphaera diffusa Cke. & Pk., Powdery Mildew. Neshoba.

L. VIOLACEA (L.) Pers., Violet Lespedeza.
Nigredo lespedezae-procumbentis Arth., Rust. Forrest.
Uromyces lespedezae-procumbentis (Schw.) Curt., Rust. Forrest.

LEUCOTHOË

L. AXILLARIS (Lam.) D. Don., Downy Leucothoë.
Exobasidium leucothoes Henn., Leaf Gall. Stone.
Mycosphaerella leucothoes Miles, Leaf Spot. Pearl River.

LIGUSTRUM

L. INDICUM, India Privet.
Glomerella cingulata (Stonem.) Spauld. & Schrenk. Jones.

L. JAPONICUM Thunb., Japanese Privet.
Cercospora ligustri Roum., Leaf Spot. Jefferson.

L. LODENSE
Cercospora ligustri Roum., Leaf Spot. Washington.

LIGUSTRUM--cont.

L. OVALIFOLIUM Hassk., California Privet.

Glomerella cingulata (Stonem.) Spauld. & Schrenk. George and Panola.

L. SP.

Cercospora ligustri Roum., Leaf Spot. Coahoma and Lauderdale.
Heterodera marioni (Cornu) Goodey, Root-knot. Greene and Stone.
Microsphaera alni (DC.) Wint., Powdery Mildew.
Phyllosticta ovalifolii Brun., Leaf Spot. Humphreys and Washington.

LIPPIA

L. LANCEOLATA Michx., Fogfruit.

Cercospora lippiae Ell. & Ev., Leaf Spot. Clay.

LIQUIDAMBAR

L. STYRACIFLUA L., American Sweetgum.

Cercospora liquidambaris Cke. & Ell., Leaf Spot. Bolivar, Monroe, Oktibbeha, and Stone.
Cercospora tuberculans Ell. & Ev., Leaf Spot. Lee.
Gnomoniella amoena (Nees) Fckl. var. petalorum (S.) Sacc., Leaf Spot. Copiah.
Hypoxylon perforatum (Schw.) Fr. Rankin.
Myriangium curtisii Berk. & Mont. Jackson.
Polyporus versicolor (L.) Fr. Greene.
Stereum fuscum Britz. Oktibbeha.
Stereum rameale Schw. Oktibbeha.

LIRIODENDRON

L. TULIPIFERA L., Tulip Tree.

Cercospora liriodendri Ell. & Harkn., Leaf Spot. Neshoba.
Hypoxylon insidens (S.) Ell. & Ev. Coahoma.
Oospora tulipifera Ell. & Martin. Tishomingo.
Phyllosticta liriodendrica Cke., Leaf Spot. George, Jackson, and Marion.

LOLIUM

L. MULTIFLORUM Lam., Ryegrass.

Puccinia rubigo-vera secalis (Erikss.) Carl., Rust. Jones.

LONICERA

L. JAPONICA Thunb., Japanese Honeysuckle.

Cercospora periclymeni Wint., Leaf Spot. Oktibbeha.

LUDWIGIA

L. ALTERNIFOLIA L., Seedbox.

Septoria ludwigiae Cke., Leaf Spot. Pearl River.

LUDWIGIA

L. HIRTELLA Raf., Hairy Ludwigia.

Puccinia jussiaeae Speg., Rust. Harrison, Jackson, and Oktibbeha.

LYCIUM

L. HALIMIFOLIUM Mill., Matrimony-Vine.

Puccinia tumidipes Pk., Rust. Harrison and Oktibbeha.

LYCOPERSICON

L. ESCULENTUM Mill., Common Tomato.

Alternaria solani (Ell. & Mart.) Jones & Grout, Early Blight. Copiah, DeSoto, Jackson, and Oktibbeha.

Bacterium solanacearum E. F. Sm., Bacterial Wilt.

Cladosporium fulvum Cke., Leaf Mold. Harrison, Jackson, Monroe, Pearl River, and Pike.

Fusarium lycopersici Sacc., Wilt.

Fusarium oxysporum f. lycopersici (Sacc.) Snyder & Hansen, Wilt. Oktibbeha.

Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Choctaw, Clarke, Clay, Copiah, Covington, Forrest, George, Harrison, Holmes, Humphreys, Jackson, Jasper, Jones, Kemper, Leake, Leflore, Monroe, Neshoba, Oktibbeha, Sharkey, Sunflower, Tate, Washington, Wayne, and Yalobusha.

Phytomonas vesicatoria (Doidge) Bergey et al, Fruit Spot.

Phytophthora infestans (Mont.) DBy., Late Blight.

Sclerotium rolfsii Sacc., Southern Blight. Leflore.

Septoria lycopersici Speg., Leaf Spot. Copiah, Lawrence, Lowndes, and Oktibbeha.

LYONIA

L. LIGUSTRINA DC., Privet Andromeda.

Rhytisma discolorans Fr., Tar Spot. Tishomingo.

MACLURA

M. POMIFERA Schneider, Osage Orange.

Ovularia maclurae Ell. & Lang., Cottony Leaf Spot. Panola.

MAHONIA

M. SP.

Macrophoma sp. Coahoma.

MAGNOLIA

M. GRANDIFLORA L., Southern Magnolia.

Meliola amphitricha Fr., Sooty Mold.

Phyllosticta cookei Sacc., Leaf Spot. George and Harrison.

Sphaceloma sp., Anthracnose. Pearl River.

Trichodothis comata (Berk. & Rav.) Theiss. & Syd. Copiah, Hancock, and Yalobusha.

MAGNOLIA--cont.

M. VIRGINIANA L., Laurel Magnolia,
Apiosporium erysiphioides Sacc. & Ell. Simpson.
Dothidella concaviuscula (Ell. & Ev.) Theiss. & Syd. Wayne.
Meliola amphitricha Fr., Sooty Mold. Chickasaw.
Sphaerella annulata Cke. Pearl River.
Sphaerella glauca Cke. Franklin.
Trichodothis comata (Berk. & Rav.) Theiss. & Syd. Pearl River.

MALUS

M. BACCATA (L.) Borkh., Siberian Crabapple.
Agrobacterium tumefaciens (E. F. Sm. & Town.) Conn, Crown Gall. Washington.

M. IOENSIS (Wood) Britton, Western Crabapple.
Gymnosporangium juniperi-virginiana Schw., Cedar Rust. Hinds, Marshall, Webster, and Yazoo.

M. SYLVESTRIS Mill., Apple.
Armillaria mellea Vahl. ex Fries, Root Rot. Oktibbeha.
Cercospora mali Ell. & Ev., Leaf Spot. Tunica.
Corticium ochroleucum (Noack) Burt. Jackson.
Corticium stevensii Burt, Leaf Blight. George.
Gloeodes pomigena (Sacc.) Colby, Sooty Blotch. Tunica.
Glomerella cingulata (Stonem.) Spauld. & Schrenk, Bitter Rot. Harrison.
Gymnosporangium juniperi Lk., Rust. Washington.
Gymnosporangium juniperi-virginiana Schw., Cedar Rust. Calhoun, Lee, Oktibbeha, Scott, and Yazoo.
Hypochnus ochroleucus Noack. Prentiss.
Leptothyrium pomi (M. & F.) Sacc., Fly Speck. Oktibbeha.
Nummularia discreta (Schw.) Tul., Blister Canker. Washington.
Phyllosticta solitaria Ell. & Ev., Blotch. Adams, Jones, Newton, Scott, Tippah, and Union.
Physalospora cydoniae Arnaud, Black Rot, Canker, Leaf Spot. Chickasaw, Oktibbeha, and Smith.
Physalospora malorum (Pk.) Shear, Black Rot, Frog-eye. Attala, DeSoto, and Marion.
Podosphaera oxyacanthae (DC.) DBy., Powdery Mildew. Claiborne.
Septobasidium pedicillatum (Schw.) Pat., Canker. Tishomingo.
Septobasidium pseudopedicellatum Burt, Girdle and Canker. Choctaw, Lauderdale, and Lee.
Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Lauderdale.
Sphaeropsis malorum Pk. Forrest.
Venturia inaequalis (Cke.) Wint., Scab. Simpson.

M. SP., Apple.
Corticium salmonicolor Berk. & Br. Jackson.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Lee, Tippah, and Webster.

MALUS--cont.

M. SP., Flowering Crabapple.
Gymnosporangium juniperi-virginiana Schw., Cedar Rust. Warren and Yazoo.

MALVA

M. ROTUNDIFOLIA L., Running Mallow.
Cercospora althaeina Sacc., Leaf Spot. Jackson.

MEDICAGO

M. ARABICA (L.) Huds., Spotted Medic.
Ascochyta pisi Lib., Blight. Oktibbeha.
Cercospora medicaginis Ell. & Ev., Leaf Spot. Bolivar, Oktibbeha, and Washington.
Cercospora zebrina Pass., Leaf Spot. Bolivar and Washington.
Pleospora herbarum (Fr.) Rabh., Leaf Spot.

M. HISPIDA Gaertn., Toothed Medic, Bur Clover.
Cercospora medicaginis Ell. & Ev., Leaf Spot. Oktibbeha.
Cercospora zebrina Pass., Leaf Spot. Oktibbeha.

M. SATIVA L., Alfalfa
Cercospora medicaginis Ell. & Ev., Leaf Spot. Clay.
Colletotrichum trifolii Bain, Anthracnose. Clay, Harrison, Jackson, Jones, Oktibbeha, and Washington.
Pseudopeziza medicaginis (Lib.) Sacc., Leaf Spot. Coahoma, Lafayette, Newton, Oktibbeha, Sharkey, Simpson, Tallahatchie, Washington, and Yazoo.
Pyrenopeziza medicaginis Fckl., Yellow Leaf Blotch. Humphreys, Newton, and Union.
Uromyces striatus Schr., Rust. Bolivar.
Urophlyctis alfalfae (Lagh.) Magn., Crown Wart. Clay.

MELIA

M. AZEDARACH L., Chinaberry.
Cercospora leucosticta Ell. & Ev., Leaf Spot. George and Stone.
Cercospora meliae Ell. & Ev., Leaf Spot. George and Stone.
Colletotrichum sp., Anthracnose. Harrison.

MELICA

M. MUTICA Walt., Narrow Melicgrass.
Puccinia coronata Cda., Crown Rust. Lamar.
Puccinia melicae (Erikss.) Syd., Rust. Lamar.

MENISPERMUM

M. CANADENSE L., Canada Moonseed.
Cercospora menispermi Ell. & Holw., Leaf Spot. Calhoun.

MESADENIA
M. ATRIPLICIFOLIA (L.) Raf., Pale Indian Plantain.
Erysiphe cichoracearum DC., Powdery Mildew. Lafayette.

MIKANIA
M. SCANDENS (L.) Willd., Climbing Hempweed.
Puccinia spegazzinii DeT., Rust. Harrison.

MIMULUS
M. ALATUS Soland., Sharpwinged Monkeyflower.
Septoria mimuli Ell. & Kell., Leaf Spot. Bolivar and Oktibbeha.

MONARDA
M. FISTULOSA L., Wild Bergamot.
Puccinia menthae Pers., Rust. Jones.

MORUS
M. RUBRA L., Red Mulberry.
Cercospora moricola Cke., Leaf Spot. Lowndes.
Cercospora pulvinulata Sacc. & Wint., Leaf Spot. Lowndes.
Sclerotinia carunculoides Siegler & Jenkins, Popcorn Disease. Clarke, Hinds, Scott, and Washington.

M. SP.
Pseudomonas mori (Boyer & Lambert) F. S. Stevens, Bacterial Blight. Panola.

MUHLENBERGIA
M. MEXICANA (L.) Trin., Wirestem Muhly.
Puccinia muhlenbergiae Arth. & Holw., Rust. Choctaw.
Puccinia schedonnardi Kell. & Sw., Rust. Choctaw.

M. SCHREBERI Gmel., Nimblewill.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Perry.

M. SP., Grass.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Lauderdale.

MYOSOTIS
M. MACROSPERMA Engelm., Spring Scorpion Grass.
Peronospora myosotidis DBy., Downy Mildew. Oktibbeha.
Puccinia eatoniae myosotidis Mains, Rust. Oktibbeha.
Puccinia rubigo-vera apocrypta (Ellis & Tr.) Arth., Rust. Oktibbeha.

MYRICA
M. CAROLINENSIS Mill., Small Waxberry.
Asterella myricae Miles. Jackson.

MYRICA--cont.

M. CERIFERA L., Southern Waxmyrtle.
Cercospora penicillus Ell. & Ev., Leaf Spot. George.
Mycosphaerella myricae Miles, Leaf Spot. Jackson.

NARCISSUS

N. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. Lauderdale.
Septoria narcissi Cass., Leaf Spot.

NERIUM

N. OLEANDER L., Common Oleander.
Gloeosporium oleandri Sacc., Leaf Spot. Harrison.
Macrosporium nerii Cke., Leaf Spot. Hinds.
Phyllosticta nerii West., Leaf Spot. Hancock.

NICOTIANA

N. SP., Tobacco.
Cercospora nicotianae Ell. & Ev., Frog-eye. Pike.

NYMPHAEA

N. SP., Waterlily.
Cercospora nymphaeacea Cke. & Ell., Leaf Spot. Lincoln.

NYSSA

N. SYLVATICA Marsh., Sour Gum.
Bierkandera adusta (Willd. ex Fr.) Karst. Oktibbeha.
Septobasidium patouillardi Burt. Harrison.
Stereum lobatum (Kze.) Fr. Stone.

N. SP.
Glenospora curtisii B. & Desm. Washington.

OENOTHERA

O. BIENNIS L., Common Evening-primrose.
Puccinia extensicola Plowr., Rust. George and Oktibbeha.
Puccinia peckii Kell., Rust. Oktibbeha.
Septoria oenotherae West., Leaf Spot. George and Pearl River.

O. LACINIATA Hill, Cutleaf Evening-primrose.
Septoria oenotherae West., Leaf Spot. Carroll, George, Jackson, and Oktibbeha.
Synchytrium fulgens Schroet. Hinds.
Uromyces plumbarius Pk., Rust. Oktibbeha.

OPUNTIA

O. SP., Pricklypear.
Gloeosporium cactorum Ston., Anthracnose. Forrest, Holmes, and Oktibbeha.
Gloeosporium opuntiae Ell. & Ev., Anthracnose. Perry.

OSMANTHUS

O. AMERICANA (L.) Benth. & Hook., Devilwood, American Olive.
Meliola amphitricha Fr., Sooty Mold. Hancock.
Phyllosticta sinuosa Ell. & Martin, Leaf Spot. Wilkinson.

O. FRAGRANS (Thunb.) Lour, Sweet Osmanthus.
Asterina sp. Hinds.

OSMUNDA

O. CINNAMOMEA L., Cinnamon-Fern.
Leptostromella filicina (Berk. & Curt.) Sacc., Leaf Spot. Clay.

OSTRYA

O. VIRGINIANA (Mill.) Willd., Ironwood.
Corticium oakesii Berk. & Curt. Franklin.
Diatrype albopruinosa (Schw.) Cke. & Ell. Noxubee.
Phyllactinia corylea (Pers.) Karst., Powdery Mildew. Oktibbeha.
Phyllactinia suffulta (Reb.) Sacc., Powdery Mildew. Lawrence and Newton.
Valsa ambiens (Pers.) Fr. Hinds.

OXALIS

O. STRICTA L., Upright Yellow Woodsorrel.
Ustilago oxalidis Ell. & Tracy, Smut. Quitman.

O. VIOLACEA L., Violet Woodsorrel.
Puccinia oxalidis (Lév.) Diet. & Ell., Rust. Yazoo.
Puccinia sorghi Schw., Rust. Clay, Hinds, Jefferson, Lauderdale, and Yazoo.

PAEONIA

P. DELICATISSIMA, Peony.
Cladosporium paeoniae Pass., Leaf Mold. Coahoma and Lee.

P. SP.
Botrytis paeoniae Oud., Blight. Bolivar.
Cladosporium paeoniae Pass., Leaf Mold. Coahoma, Hinds, Oktibbeha, and Pike.
Heterodera marioni (Cornu) Goodey, Root-knot. Lafayette, Leflore, and Tunica.
Leptothyrium peronae Br. & Cav., Leaf Spot. Coahoma.

PANICULARIA

P. NERVATA (Willd.) Kuntze, Nerved Mannagrass.
Epichloe typhina (P. ex Fr.) Tul. Pontotoc.

PANICUM

P. AMARUM Ell., Small Seabeach Grass.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Washington.

PANICUM--cont.

P. ANCEPS Michx., Beaked or Flatstemmed Panic-grass.
Hypocrella hypoxylon (Pk.) Sacc. Pearl River.

P. CAPILLARE L., Common Witchgrass.
Puccinia emaculata Schw., Rust. Oktibbeha.

P. DICHOTOMUM L., Forked Panic-grass.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Noxubee.

P. HEMITOMUM Schult., Maidencane.
Physalospora oxystoma Sacc. & Ell. Hancock.

P. PROLIFERUM Lam., Sprouting Panic-grass.
Sorosporium syntherismae (Pk.) Farl., Smut. Oktibbeha.

P. VIRGATUM L., Switch Grass.
Uromyces graminicola Burr., Rust. Clarke.

P. SP., Grass.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Oktibbeha.

P. SP.
Dothichloë atramentosa (Berk. & Curt.) Atk., Black Crust. Jackson.
Ophiodothis atramentosa (Berk. & Curt.) Earle. Jackson.
Sorosporium syntherismae (Pk.) Farl., Smut. Oktibbeha.

PARTHENOCISSUS

P. QUINQUEFOLIA (L.) Planch., Virginia Creeper.
Cercospora pustula Cke., Leaf Spot. Jones.
Phyllosticta ampelopsidis Ell. & Martin, Leaf Spot. Jackson and Leflore.
Phyllosticta labruscae Thuem., Leaf Spot. Bolivar.
Phyllosticta viticola Sacc. & Speg., Leaf Spot. Jackson.
Uncinula necator (Schw.) Burr., Powdery Mildew. DeSoto.

P. TRICUSPIDATA (Sieb. & Zucc.) Planch., Japanese Creeper.
Phyllosticta ampelopsidis Ell. & Martin, Leaf Spot. Amite.

PASPALUM

P. DILATATUM Poir., Dallis Grass.
Claviceps paspali Stev. & Hall, Ergot. Marion, Oktibbeha, and Yazoo.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Lamar.

P. URVILLEI Steud., Vasey Grass.
Puccinia levis (Sacc. & Bizz.) Magn., Rust. Lamar.

P. SP.
Claviceps paspali Stev. & Hall, Ergot. Amite.
Puccinia levis (Sacc. & Bizz.) Magn., Rust. Harrison.

PELARGONIUM

P. SP., Geranium

Cercospora brunkii Ell. & Gall., Leaf Spot. Hinds and Lauderdale.

PENSTEMON

P. AUSTRALIS Small., Beardtongue.

Puccinia andropogonis Schw., Rust. Oktibbeha.

Septoria pentastemonis Ell. & Ev., Leaf Spot. Oktibbeha.

P. DIGITALIS Nutt., Foxglove Beardtongue.

Septoria pentastemonis Ell. & Ev., Leaf Spot. Hinds.

P. TUBIFLORUS Nutt., Funnel-form Beardtongue

Puccinia andropogonis Schw., Rust. Oktibbeha.

PERSEA

P. BORBONIA (L.) Spreng., Redbay or Sweetbay.

Asterina delitescens Ell. & Martin. Jackson.

Coccoidella scutula (Berk. & Curt.) V. Hoehn. Harrison.

Meliola martiniana Gaill., Sooty Mold. George.

Phyllosticta micropuncta Cke., Leaf Spot. Adams and Jackson.

P. PUBESCENS (Pursh) Sarg., Swamp Bay.

Asterina delitescens Ell. & Martin. Forrest.

Cercospora purpurea Cke., Leaf Spot. Harrison and Lincoln.

Meliola amphitricha Fr., Sooty Mold. Stone.

Meliola martiniana Gaill., Sooty Mold. Lincoln.

PHASEOLUS

P. LUNATUS L., Lima Bean.

Cercospora canescens Ell. & Mart., Leaf Spot. Madison, Oktibbeha, and Pontotoc.

Colletotrichum lindemuthianum (Sacc. & Magn.) Briosi & Cav., Anthracnose. Copiah.

Colletotrichum truncatum (Schw.) Andrus & Moore, Anthracnose. Hinds and Oktibbeha.

Diaporthe phaseolorum (Cke. & Ell.) Sacc., Pod Blight. Clarke and Pearl River.

Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Harrison, Holmes, Humphreys, Issaquena, Lauderdale, Leake, Lefloro, Sharkey, Sunflower, Tate, and Washington.

Nematospora phaseoli Wingard, Yeast Spot. Holmes.

Sclerotium rolfsii Sacc., Southern Blight.

Uromyces phaseoli typica Arth., Rust. Yazoo.

P. VULGARIS L., Bean.

Cercospora cruenta Sacc., Leaf Spot. Copiah.

Colletotrichum lindemuthianum (Sacc. & Magn.) Briosi & Cav., Anthracnose. Amite.

PHASEOLUS--cont.

P. VULGARIS--cont.

Corticium vagum Berk. & Curt., Stem Rot. Lauderdale, Panola, and Scott.

Erysiphe polygoni DC., Powdery Mildew.

Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Holmes, Humprheys, Jackson, Kemper, Lauderdale, Leake, Lowndes, Monroe, Neshoba, Newton, Washington, and Wayne.

Isariopsis griseola Sacc., Angular Leaf Spot. Amite.

Macrophomina phaseoli (Maubl.) Ashby, Ashy Stem Blight. Rankin.

Phyllosticta phaseolina Sacc., Leaf Spot. Oktibbeha.

Pseudomonas medicaginis var. phaseolicola (Burkh.) Stapp & Kotte, Halo Blight.

Pythium sp., Stem Tip Blight.

Rhizoctonia microscleretia Matz., Leaf Blight.

Rhizoctonia solani Kuehn, Stem Canker.

Sclerotium rolfsii Sacc., Southern Blight. Jones and Washington.

Uromyces appendiculatus Fr., Rust.

Uromyces phaseoli typica Arth., Rust. Calhoun, Holmes, Jackson, Lauderdale, Pearl River, and Warren.

Virus, Mosaic.

Xanthomonas phaseoli (E. F. Sm.) Dowson, Bacterial Blight. Oktibbeha.

P. SP., Snap Bean.

Uromyces phaseoli typica Arth., Rust. Hinds, Jackson, and Rankin.

P. SP., Bean.

Amerosporium oeconomicum Ell. & Tracy, Leaf Spot. Harrison.

Cercospora cruenta Sacc., Leaf Spot. Harrison.

Diaporthe phaseolorum (Cke. & Ell.) Sacc., Pod Blight. Jackson.

PHLEUM

P. PRATENSE L., Timothy.

Ustilago striaeformis (West.) Niessl, Smut. Rankin.

PHLOX

P. PANICULATA L., Garden Phlox.

Erysiphe cichoracearum DC., Powdery Mildew. Tippah and Winston.

P. SP.

Cercospora phlogina Pk., Leaf Spot. Bolivar and Coahoma.

Septoria divaricatae Ell. & Ev., Leaf Spot. Prentiss.

Vermicularia phlogina Fairman. Coahoma.

PHOENIX

P. CANARIENSIS Chaub., Canary Date Palm.

Exosporium palmivorum Sacc., Leaf Spot. Claiborne.

Pestalozzia palmicola Sacc. & Syd., Leaf Spot. Jefferson Davis.

PHOENIX--cont.

P. DACTYLIFERA L., Date Palm.
Exosporium palmivorum Sacc., Leaf Spot. Harrison.
Graphiola phoenicis (Moug.) Poit., False Smut. Harrison, Jackson, Leake, and Pike.

P. SP.
Exosporium palmivorum Sacc., Leaf Spot. Harrison.

PHRYMA

P. LEPTOSTACHYA L., American Lopseed.
Septoria leptostachyae Ell. & Kell., Leaf Spot. Perry.

PHYLLOSTACHYS

P. SP., Bamboo.
Ustilago shiraiana Hem., Smut. Sharkey.

PHYSALIS

P. LANCEOLATA Michx., Prairie Groundcherry.
Aecidium physalidis Burr., Rust. DeSoto.

P. VIRGINIANA Mill., Virginia Groundcherry.
Entyloma physalidis (Klebh. & Cke.) Wint. Yalobusha.

PINUS

P. CARIBAEA Morelet, Slash Pine.
Coleosporium vernoniae Berk. & Curt., Rust. Harrison.
Cronartium quercuum (Berk.) Miy., Rust. Oktibbeha.
Hypoderma lethale Dearn. Hancock.

P. ECHINATA Mill., Yellow or Shortleaf Pine.
Coleosporium solidaginis (Schw.) Thuem., Rust. Lauderdale.
Hypoderma hedgcockii Dearn., Chickasaw.
Hypoderma lethale Dearn. Marshall.

P. PALUSTRIS Mill., Longleaf Pine.
Coleosporium delicatulum (Arth. & Kerr) Hedgc. & Long, Rust. Harrison and Hinds.
Coleosporium elephantopodis (Schw.) Thuem., Rust. George.
Coleosporium ipomoeae (Schw.) Burr., Rust. George and Oktibbeha.
Coleosporium vernoniae Berk. & Curt., Rust. Lamar and Oktibbeha.
Cryptosporium acicola Thuem. Harrison.
Lophodermium australe Dearn. Harrison.
Stilbospora pinnicola Berk. & Curt. Simpson.

P. TAEDA L., Loblolly Pine.
Coleosporium solidaginis (Schw.) Thuem., Rust. Oktibbeha.
Cronartium quercuum (Berk.) Miy., Rust. Oktibbeha.
Lophodermium australe Dearn. Scott.

PINUS--cont.

P. TAEDA--cont.

Peridermium cerebrum Pk., Rust. Oktibbeha.
Scolecodothis pinicola Miles. Oktibbeha.
Systremma acicola (Dearn.) Wolf & Barbour, Brown Spot.

P. VIRGINIANA Mill., Scrub Pine.

Hypoderma hedgcockii Dearn. Union.

P. SP.

Polyporus schweinitzii Fr., Root Rot. Wilkinson.

PISUM

P. SATIVUM L., Garden Pea.

Ascochyta pinodella Jones, Leaf and Stem Spot.
Ascochyta pisi Lib., Blight. Claiborne, Stone, and Yazoo.
Erysiphe polygoni DC., Powdery Mildew. Adams, Amite, Forrest, George, Jackson, Sunflower, and Yazoo.
Peronospora viciae (Berk.) DBy., Downy Mildew. Copiah.
Rhizoctonia sp., Stem Canker.
Septoria pisi Westd., Leaf Spot.

P. SATIVUM var. ARVENSE Poir., Austrian Winter Pea.

Pseudomonas pisi Sackett, Bacterial Blight. Attala and Winston.

P. SP., Pea.

Heterodera marioni (Cornu) Goodey, Root-knot. Holmes, Jasper, Leake, Leflore, Neshoba, Sunflower, and Tipoah.

PITTOSPORUM

P. SP.

Cercospora sedoides Ell. & Ev., Leaf Spot. Leflore.
Cercospora sp., Leaf Spot. Leflore.
Phyllosticta sp., Leaf Spot. Hinds.

PLANTAGO

P. MAJOR L., Rippleseed Plantain.

Erysiphe cichoracearum DC., Powdery Mildew. Webster.
Peronospora alta Fckl., Downy Mildew. Lafayette.
Ramularia plantaginis Ell. & Martin, Leaf Spot. Yazoo.

PLATANUS

P. OCCIDENTALIS L., Sycamore.

Diatrypella prominens Howe. Marshall.
Eutypella platani (Schw.) Sacc. Clay.
Exosporium platani Otth., Leaf Spot. Oktibbeha.
Gloeosporium nerviseguum (Fckl.) Sacc., Leaf Spot. Oktibbeha.
Gnomonia veneta (Sacc. & Speg.) Kleb., Anthracnose. Smith and Clarke.

POA

P. PRATENSIS L., Kentucky Bluegrass.
Erysiphe graminis DC., Powdery Mildew. Oktibbeha.

P. SP.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Jackson.

PODOPHYLLUM

P. PELTATUM L., Common Mayapple.
Macrosporium podophylli Ell. & Ev., Leaf Spot. Oktibbeha.
Phyllosticta podophylli (Curt.) Wint., Leaf Spot. Oktibbeha.
Puccinia podophylli Schw., Rust. Lafayette and Wilkinson.
Septoria podophyllina Pk., Leaf Spot. Bolivar, Oktibbeha, and Winston.

POLYGALA

P. LUTEA L., Yellow Milkwort.
Cercospora grisea Cke. & Ell., Leaf Spot. Stone.
Cercospora minuta Cke. & Ell., Leaf Spot. Stone.

POLYGONUM

P. ACRE H.B.K., Smartweed.
Puccinia polygoni-amphibii Pers., Rust. Harrison.
Ustilago utriculosa (Nees) Tul., Smut. Sharkey.

P. CILINODE Michx., Blackfringe Bindweed.
Ustilago anomala J. Kunze, Smut. Washington.

P. CRISTATUM (Engelm. & Gray) Small, Crested False Buckwheat.
Puccinia polygoni-amphibii Pers., Rust. Jackson.

P. ERECTUM L., Erect Knotweed.
Erysiphe cichoracearum DC., Powdery Mildew. Oktibbeha.
Uromyces polygoni (P.) Fckl., Rust. Clay.

P. HYDROPIPER L., Marshpepper Smartweed.
Septoria polygonorum Desm., Leaf Spot. Tallahatchie.
Sphacelotheca hydropiperis (Schum.) DBy., Smut. Leflore.

P. HYDROPIPEROIDES Michx., Swamp Smartweed.
Ustilago utriculosa (Nees) Tul., Smut. Holmes.

P. LAPATHIFOLIUM L., Curltop Ladysthumb.
Ustilago utriculosa (Nees) Tul., Smut. Attala and Sharkey.

P. PENSYLVANICUM L., Pennsylvania Smartweed.
Puccinia polygoni-amphibii Pers., Rust. Harrison.
Septoria polygonorum Desm., Leaf Spot. Oktibbeha.
Ustilago utriculosa (Nees) Tul., Smut. Rankin and Winston.

P. PERSICARIA L., Spotted Ladysthumb.
Puccinia polygoni-amphibii Pers., Rust. Stone.
Septoria polygonorum Desm., Leaf Spot. Stone.

POLYGONUM--cont.

P. SCANDENS L., Climbing False Buckwheat.
Puccinia polygoni-amphibii Pers., Rust. Lafayette.

P. SP., Knotweed.
Uromyces polygoni (P.) Fckl., Rust. Clay.

P. SP.
Septoria polygonorum Desm., Leaf Spot. Carroll.

PONCIRUS

P. TRIFOLIATA, Trifoliate Orange.
Colletotrichum gloeosporioides Penz., Wither Tip. Jackson.

POPULUS

P. DELTOIDES Marsh., Eastern Poplar, Cottonwood.
Cylindrosporium oculatum Ell. & Ev., Leaf Spot. Wayne.
Melampsora medusae Thuem., Rust. Choctaw, Clay, and Oktibbeha.
Uredo medusae Arth., Rust. Choctaw.

P. NIGRA L., Black Poplar.
Marssonia rhabdospora Ell. & Ev., Leaf Spot. Franklin, Panola, and Rankin.

P. TREMULOIDES Michx., American Aspen.
Marssonia populi (Lib.) Sacc., Leaf Spot. Hancock.
Uncinula salicis (DC.) Wint., Powdery Mildew. Jasper.

P. SP.
Cytospora nivea Sacc. Harrison.
Melampsora sp., Rust. Washington.

PORTULACA

P. OLERACEA L., Common Purslane.
Cystopus portulacae (DC.) Lév. Leake.

POTENTILLA

P. CANADENSIS L., Common Cinquefoil.
Frommea obtusa (Str.) Arth. Lafayette and Oktibbeha.
Taphrina potentillae (Farl.) Johans. Pontotoc.

P. MONSPELIENSIS L., Rough Cinquefoil.
Mollisia dehnii (Rabh.) Karst. Oktibbeha.

PRENANTHES

P. ALBA L., White Rattlesnake-Root.
Septoria nabali Berk. & Curt. Oktibbeha.

PRUNELLA

P. VULGARIS L., Common Selfheal.
Septoria brunellae Ell. & Holw., Leaf Spot. Jefferson Davis.
Sphaerotheca castagnei Lév., Powdery Mildew. Oktibbeha.

PRUNUS

P. AMERICANA Marsh., American Plum.
Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Grenada and Oktibbeha.
Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Oktibbeha.
Taphrina mirabilis (Atk.) Gies. Hinds, Jones, and Oktibbeha.
Taphrina pruni (Fckl.) Tul., Plum Pockets. Bolivar and Sunflower.
Tranzschelia pruni-spinosae (Pers.) Diet., Rust. Holmes.

P. ANGUSTIFOLIA Marsh., Chickasaw Plum.
Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Holmes.
Puccinia pruni-spinosae Pers., Rust. Oktibbeha.
Taphrina mirabilis (Atk.) Gies. Attala and Lauderdale.

P. ANGUSTIFOLIA WATSONI, Sand Chickasaw Plum.
Cercospora circumscissa Sacc., Shot-hole. Harrison.

P. CERASUS L., Sour Cherry.
Coccomyces hiemalis Higg., Leaf Spot, Shot-hole. Marion and Marshall.
Phyllosticta prunicola Sacc., Leaf Spot. Grenada.
Podosphaera oxyacanthae (DC.) DBy., Powdery Mildew. Greene.
Puccinia pruni-spinosae Pers., Rust. Lauderdale and Oktibbeha.
Tranzschelia pruni-spinosae (Pers.) Diet., Rust. Lauderdale.

P. DEMISSA (Nutt.) Walp., Chokecherry.
Diplodina pruni Ell. & Barth. Pearl River.

P. DOMESTICA L., Garden Plum.
Cercospora cerasella Sacc., Leaf Spot. Harrison and Oktibbeha.
Coccomyces hiemalis Higg., Leaf Spot, Shot-hole. Newton.
Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Jackson.

P. LAUROCERASUS L., Common Laurelcherry.
Coccomyces lutescens Higg., Leaf Spot. Coahoma.
Cylindrosporium padi Karst., Leaf Spot. Coahoma.
Xanthomonas pruni (E. F. Sm.) Dowson, Black Spot. Yazoo.

P. PERSICA (L.) Batsch , Peach.
Agrobacterium tumefaciens (E. F. Sm. & Town.) Conn, Crown Gall. Holmes.
Cercospora circumscissa Sacc., Shot-hole. Harrison.
Cercospora persicae Sacc., Leaf Spot. Marion.
Cercosporella persicae Sacc., Frosty Mildew. Marion, Marshall, and Pontotoc.
Cladosporium carpophilum Thuem., Scab. Clarke and Sunflower.
Coryneum beyerinckii Oud., Blight. Lauderdale and Smith.
Heterodera marioni (Cornu) Goodey, Root-knot. Chickasaw, Jones, Lauderdale, Leflore, Lincoln, Monroe, Pike, Union, and Wayne.
Phytomonas pruni (E. F. Smith) Berget et al., Shot Hole.

PRUNUS--cont.

P. PERSICA--cont.

Pseudomonas pruni E. F. Sm., Bacterial Spot. Forrest.
Puccinia pruni-spinosae Pers., Rust. Harrison, Newton, and Oktibbeha.
Sclerotinia fructicola (Wint.) Rehm., Brown Rot.
Septobasidium pseudopedicellatum Burt, Girdle and Canker. George.
Taphrina deformans (Fcl.) Tul., Leaf Curl. Alcorn, Bolivar. Marshall, Monroe, Pontotoc, Prentiss, and Tishomingo.
Tranzschelia pruni-spinosae (Pers.) Diet., Rust.
Tranzschelia punctata Arth., Rust. Coahoma and Marion.
Valsa leucostoma (Pers.) Fr., Die-back. Lincoln and Sunflower.
Xanthomonas pruni (E. F. Sm.) Dowson, Black Spot. Lincoln and Washington.

P. SEROTINA Ehrh., Black Cherry.

Cylindrosporium lutescens Higg., Leaf Spot. Oktibbeha.
Cylindrosporium padi Karst., Leaf Spot. Leake.
Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Oktibbeha.
Leptothyrium cinctum Cke. Stone.
Phyllosticta serotina Cke., Leaf Spot. Harrison, Newton, Oktibbeha, and Tate.
Sclerotinia fructicola (Wint.) Rehm., Brown Rot. Sunflower.
Taphrina deformans (Fcl.) Tul., Leaf Curl. Newton.

P. SIMONII Carr., Apricot Plum.

Puccinia pruni-spinosae Pers., Rust. Bolivar.

P. SPINOSA L., Blackthorn.

Puccinia pruni-spinosae Pers., Rust. Lauderdale.

P. SP., Apricot.

Tranzschelia pruni-spinosae (Pers.) Diet., Rust. Jones.

P. SP., Cherry.

Cylindrosporium padi Karst., Leaf Spot. Marshall and Noxubee.
Podosphaera oxyacanthae (DC.) DBy., Powdery Mildew. Marion.
Puccinia pruni-spinosae Pers., Rust. Sunflower.

P. SP., Plum.

Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Leake.
Puccinia pruni-spinosae Pers., Rust. Hinds.
Sclerotinia fructicola (Wint.) Rehm., Brown Rot.
Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Jackson.
Tranzschelia pruni-spinosae (Pers.) Diet., Rust.
Xanthomonas pruni (E. F. Sm.) Dowson, Black Spot. Pearl River.

P. SP., Green Gage Plum

Coccomyces prunophorae Higg., Shot-hole, Leaf Spot. Marion and Oktibbeha.

PRUNUS--cont.

P. SP., Japanese Plum.

Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Lawrence and Lee.

P. SP., Wild Cherry.

Coccomyces hiemalis Higg., Leaf Spot, Shot-hole. Hinds.

P. SP.

Coccomyces hiemalis Higg., Leaf Spot, Shot-hole. Calhoun and Itawamba.

Taphrina pruni (Fckl.) Tul., Plum Pockets. Attala.

Taphrina sp., Oktibbeha.

PTERIDIUM

P. AQUILINUM (L.) Kuhn., Bracken.

Cryptomyces pteridis (Reb. ex Fr.) Rehm. Copiah and Forrest.

Uredinopsis macrosperma (Cke.) Magn., Rust. Jackson.

PTERIS

P. CRETICA L., Fern.

Phyllosticta pteridis Halst., Leaf Spot.

P. SP.

Uredo pteridis Diet. & Holw., Rust. Jackson.

PUERARIA

P. THUNBERGIANA (Sieb. & Zucc.) Benth., Kudzu

Bacterium puerariae Hedges, Halo Blight. State-wide.

Cercospora puerariicola Yamamoto. Carroll, Marshall, Newton, and Union.

Heterodera marioni (Cornu) Goodey, Root-knot. Kemper and Lauderdale.

Pseudomonas medicaginis var. phaseolicola (Burkh.) Stapp & Kotte, Halo Blight.

Rhizoctonia microsclerotia Matz, Leaf Blight.

PUNICA

P. SP., Pomegranate.

Heterodera marioni (Cornu) Goodey, Root-knot. Yazoo.

PYRRHOPAPPUS

P. CAROLINIANUS (Walt.) DC., Leafystem False Dandelion.

Puccinia hieracii (Schum.) Mart., Rust. Hinds, Stone, and Washington.

Puccinia pyrrhopappi Syd., Rust. Washington.

PYRUS

P. COMMUNIS L., Common Pear.

Armillaria mellea Vahl. ex Fries, Root Rot.

PYRUS--cont.

P. COMMUNIS--cont.

Bacillus amylovorus (Burr.) DeT., Fire Blight. Benton, Harrison, and Pearl River.

Cercospora minima Tracy & Earle, Leaf Spot.

Corticium salmonicolor Berk. & Br., Twig Blight.

Entomosporium maculatum Lév., Leaf Blight.

Fabraea maculata (Lév.) Atk., Leaf Blight. Hinds.

Gloeosporium perennans Zeller & Childs, Perennial Canker. Oktibbeha.

Heterodera marioni (Cornu) Goodey, Root-knot.

Phyllosticta pyrorum Cke., Leaf Spot. Pearl River.

Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Pike.

Septoria piricola Desm., Leaf Spot. Lauderdale.

P. SINENSIS Lindl., Sand Pear.

Corticium stevensii Burt, Leaf Blight. Harrison.

Fabraea maculata (Lév.) Atk., Leaf Blight. George and Harrison.

Mycosphaerella sentina (Fr.) Schroet., Leaf Spot. Harrison, Jackson, Lee, and Pearl River.

Physalospora cydoniae Arnaud, Black Rot, Canker, Leaf Spot. Hancock, Harrison, Lawrence, and Webster.

Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Forrest, George, Greene, Harrison, and Jackson.

Septoria piricola Desm., Leaf Spot. Harrison.

P. SP.

Fabraea maculata (Lév.) Atk., Leaf Blight. Amite.

QUAMOCLIT

Q. PENNATA, Cypressvine.

Coleosporium ipomoeae (Schw.) Burr., Rust. Coahoma and Oktibbeha.

QUERCUS

Q. ALBA L., White Oak.

Diaporthe leiphaemia (Fr.) Sacc. Covington.

Gloeosporium canadense Ell. & Ev., Leaf Spot. Scott.

Marssonia martini Sacc. & Ell., Leaf Spot. Lafayette.

Microsphaera quercina (Schw.) Burr., Powdery Mildew. Oktibbeha.

Q. CINEREA Michx., Bluejack Oak.

Meliola manca Ell. & Martin, Sooty Mold. Jackson.

Q. COCCINEA Muench., Scarlet Oak.

Microsphaera alni (DC.) Wint., Powdery Mildew. Lawrence.

Q. FALCATA Michx., Spanish Oak.

Leptothyrium dryinum Sacc., Leaf Spot. Perry.

QUERCUS--cont.

Q. LAURIFOLIA Michx., Laurel Oak.
Trabutia quercina (Rud.) Sacc. & Roum. Jackson.

Q. MACROCARPA Michx., Bur Oak.
Ceratophorum uncinatum (Clint.) Sacc. Clarke.
Marssonia martini Sacc. & Ell., Leaf Spot. Pearl River.

Q. MARILANDICA Muench., Blackjack Oak.
Cronartium quercuum (Berk.) Miy., Rust. Lafayette.
Marssonia martini Sacc. & Ell., Leaf Spot. Oktibbeha.
Taphrina coerulescens (Desm. & Mont.) Tul., Leaf Curl, Leaf Blister. Oktibbeha.

Q. MUHLENBERGII Engelm., Yellow Oak.
Marssonia quercus Pk., Leaf Spot. Clarke.

Q. MYRTIFOLIA Willd., Myrtle Oak.
Trabutia quercina (Rud.) Sacc. & Roum. Cat Island.

Q. NIGRA L., Water Oak.
Taphrina coerulescens (Desm. & Mont.) Tul., Leaf Curl, Leaf Blister. Copiah, George, Harrison, and Jackson.
Trabutia quercina (Rud.) Sacc. & Roum. Harrison.

Q. PRINOIDES Willd., Dwarf Chestnut Oak.
Marssonia martini Sacc. & Ell., Leaf Spot. Oktibbeha.
Microsphaera quercina (Schw.) Burr., Powdery Mildew. DeSoto.

Q. PRINUS L., Rock Chestnut Oak.
Marssonia martini Sacc. & Ell., Leaf Spot. Wayne.

Q. RUBRA L., Red Oak.
Gloeosporium nervisequum (Fckl.) Sacc., Leaf Spot. Union.

Q. STELLATA Wang., Post Oak.
Leptothyrium dryinum Sacc., Leaf Spot. George.
Phyllactinia corylea (Pers.) Karst., Powdery Mildew. Oktibbeha.

Q. VELUTINA Lam., Black Oak.
Microsphaera densissima (Schw.) Cke. & Pk., Powdery Mildew. Oktibbeha.
Valsa lutescens Ell. Benton.

Q. VIRGINIANA Mill., Live Oak.
Cronartium quercuum (Berk.) Miy., Rust. Harrison.
Meliola manca Ell. & Martin, Sooty Mold. Jackson.
Polyporus gilvus Fr. Harrison.
Trabutia quercina (Rud.) Sacc. & Roum. Harrison and Jackson.

Q. SP., Turkey Oak.
Taphrina sp. Noxubee

QUERCUS--cont.

Q. SP.

Ascomycetella quercina Pk. Simpson.
Coccomyces dentatus (Schw. ex Fr.) Sacc., Leaf Spot. Choctaw.
Diatrype albopruinosa (Schw.) Cke. & Ell. Madison.
Hypoderma ilicinum DeN. Winston.
Hypoxylon annulatum (Schw.) Mont. Jasper and Scott.
Hypoxylon atropunctatum (Schw. ex Fr.) Cke. Adams.
Hypoxylon malleolus Berk. & Rav. Oktibbeha.
Hypoxylon punctulatum Berk. & Rav. Madison.
Marssonia martini Sacc. & Ell., Leaf Spot. Oktibbeha.
Monochaetia desmazierii Sacc., Leaf Spot. Leake.
Nummularia punctulata (Berk. & Rav.) Sacc., Canker. Monroe.
Polyporus cinnabarinus (Jacq.) Fr. Newton.
Polyporus fumosus (Pers.) Fr. Pike.
Polyporus hirsutus (Wulf.) Fr. Holmes.
Poria rufa Schrad. var. lilacina Rab. Coahoma.
Septobasidium pedicillatum (Schw.) Pat., Canker. Simpson.
Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Jones.
Septoria neglecta Earle, Leaf Spot. Jackson.
Taphrina coerulescens (Desm. & Mont.) Tul., Leaf Curl, Leaf Blister. Harrison, Jackson, and Pearl River.
Xylaria hypoxylon (L.) Grev. Adams.

RANUNCULUS

R. ABORTIVUS L., Littleleaf Buttercup.
Dicaeoma eatoniae Arth., Rust. Oktibbeha.
Erysiphe communis (Wallr.) Fr., Powdery Mildew. Oktibbeha.
Puccinia eatoniae Arth., Rust. George and Oktibbeha.

R. SEPTENTRIONALIS Poir., Swamp Buttercup.
Didymaria ungeri Sacc., Leaf Spot. Oktibbeha.
Ramularia ranunculi Pk., Leaf Spot. Calhoun.

RAPHANUS

R. SATIVUS L., Garden Radish.
Peronospora parasitica (Pers.) DBy., Downy Mildew. Jackson.

R. SP., Radish.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala.

RESEDA

R. ODORATA L., Common Mignonette.
Cercospora resedae Fckl., Leaf Spot. Greene and Marion.

RHEUM

R. RHAPONTICUM L., Garden Rhubarb.
Phyllosticta rhei Ell. & Ev., Leaf Spot. Stone.

RHEXIA

R. MARIANA L., Maryland Meadowbeauty.
Cercospora erythrogena Atk., Leaf Spot. Harrison.

RHODODENDRON

R. INDICUM Sweet., Indica Azalea.
Exobasidium azaleae Pk., Leaf Gall. Pike.

R. VISCOSUM (L.) Torr., Swamp Azalea.
Exobasidium vaccinii (Fckl.) Wor., Leaf Gall. Perry.
Ramularia angustata Pk., Leaf Spot. Perry.

R. SP., Azalea.
Colletotrichum sp., Anthracnose. Copiah.
Exobasidium azaleae Pk., Leaf Gall. Adams, Lauderdale, Leflore, Marion, and Washington.
Exobasidium vaccinii (Fckl.) Wor., Leaf Gall. Copiah, George, and Wayne.

RHUS

R. COPALLINA L., Dwarf Black Sumac.
Taphrina purpurascens (Ell. & Ev.) Robinson. Yazoo.

R. GLABRA L., Smooth Sumac.
Cercospora rhoina Cke. & Ell., Leaf Spot. Harrison and Holmes.

R. TOXICODENDRON L., Poison-Ivy.
Cylindrosporium toxicodendri (Curt.) Ell. & Ev., Leaf Spot. Oktibbeha.
Discosia artocreas Tode ex Fr., Leaf Spot. Pearl River.
Phyllosticta rhoicola Ell. & Ev., Leaf Spot. George.
Phyllosticta toxica Ell. & Martin, Leaf Spot. George.
Pileolaria toxicodendri (Berk. & Rav.) Arth. Adams, Harrison, and Oktibbeha.
Podosporium rigidum Schw. Oktibbeha.

R. TYPHINA L., Staghorn Sumac.
Cladosporium nervale Ell. & Dearn., Leaf Mold. Forrest.
Septoria rhoina Berk. & Curt., Leaf Spot. Lincoln.

RHYNCHOSIA

R. ERECTA DC., Erect Rhynchosia.
Parodiella perisporioides (Berk. & Curt.) Speg., Black Spot. Jones and Rankin.
Phyllosticta rhynchosiae Miles, Leaf Spot. Marion.

RIBES

R. ODORATUM Wendl., Clove Currant.
Puccinia caricis (Schum.) Schroet., Rust. Hinds.

R. TRISTE Pall., American Red Currant.
Cercospora ribicola Ell. & Ev., Leaf Spot. Warren.

RIBES--cont.

R. VULGARE Lam., Red Garden Currant.
Septoria ribis Desm., Leaf Spot. Lawrence.

R. SP.
Dothidella ribesia (Pers.) Theiss. & Syd. Tippah.

ROBINIA

R. PSEUDOACACIA L., Black Locust.
Camarosporium robiniae (West) Sacc. Sunflower.
Melanconium viscosum Sebu., Canker. Copiah.

RORIPA

R. ARMORACIA (L.) A. Hitchc., Horseradish.
Ramularia armoraciae Fckl., Leaf Spot. Stone.

ROSA

R. CAROLINA L., Wild Rose.
Phragmidium speciosum (Fr.) Cke., Rust. Lafayette and Oktibbeha.

R. VIRGINIANA Mill., Virginia Rose.
Phragmidium speciosum (Fr.) Cke., Rust. Oktibbeha.

R. SP., Rose.
Cercospora rosicola Pass., Leaf Spot. Amite, Claiborne, Clarke, Coahoma, Copiah, George, Noxubee, Oktibbeha, and Yalobusha.
Cladosporium fuscum Lk., Leaf Spot. Lauderdale.
Coniothyrium fuckelii Sacc., Stem Canker. Leake, Scott, and Sharkey.
Coniothyrium wernsdorffiae Laub. Oktibbeha.
Diplocarpon rosae Wolf., Black Spot. Coahoma, Greene, Hancock, Lauderdale, Monroe, Neshoba, and Oktibbeha.
Heterodera marioni (Cornu) Goodey, Root-knot. Washington.
Pestalozzia suffocata Ell. & Ev., Leaf Spot. Simpson.

R. SP.
Diaporthe umbrina Jenk., Canker. Oktibbeha.
Gloeosporium rosae Halst., Twig Blight. Coahoma and Jones.
Sclerotinia sp., Blight. Holmes.
Sphaerotheca humuli (DC.) Burr., Powdery Mildew. Hinds and Coahoma.
Sphaerotheca pannosa (Wallr.) Lev., Powdery Mildew. Hinds, Jones, Madison, and Wilkinson.

RUBUS

R. ALLEGHENIENSIS Porter, Mountain Blackberry.
Plectodiscella veneta Burk., Anthracnose. Covington.

R. IDAEUS var. STRIGOSUS Maxim., Wild Red Raspberry.
Plectodiscella veneta Burk., Anthracnose. Lowndes.

RUBUS--cont.

R. OCCIDENTALIS L., Black Raspberry.
Cylindrosporium rubi Ell. & Morg., Leaf Spot. Tallahatchie.
Gymnoconia interstitialis Lagerh., Rust. Lauderdale.

R. PROCUMBENS Muhl., Dewberry.
Gloeosporium rubi Ell. & Ev., Anthracnose. Oktibbeha.
Gymnoconia interstitialis Lagerh., Rust. Harrison, Jackson, and Oktibbeha.
Gymnoconia peckiana (Howe) Trott., Rust. Harrison and Oktibbeha.
Kuehneola uredinis (Link.) Arth., Rust. Alcorn, Covington, and Oktibbeha.
Kunkelia nitens (Schw.) Arth., Rust. Oktibbeha.
Septoria rubi West., Leaf Spot. Oktibbeha.

R TRIVIALIS Michx., Low Bush Blackberry, Southern Dewberry.
Cercospora rubi Sacc., Blotch. Oktibbeha.
Kuehneola uredinis (Link.) Arth., Rust. Harrison.
Plectodiscella veneta Burk., Anthracnose. Webster.
Septoria rubi West., Leaf Spot. Oktibbeha.

R. SP., Blackberry.
Gymnoconia interstitialis Lagerh., Rust. Washington.
Gymnoconia peckiana (Howe) Trott., Rust. Oktibbeha.

R. SP., Boysenberry.
Agrobacterium tumefaciens (E. F. Sm. & Town.) Conn, Crown Gall. Oktibbeha.
Mycosphaerella rubi Roark, Leaf Spot. Chickasaw.

R. SP., Dewberry.
Cercospora rubi Sacc., Blotch. Hinds, Lee, and Oktibbeha.

R. SP., Raspberry.
Leptosphaeria coniothyrium (Fckl.) Sacc., Cane Blight. Noxubee.
Mycosphaerella rubi Roark, Leaf Spot. Monroe.
Phragmidium imitans Arth., Rust. Copiah.
Phragmidium rubi-idaei (Pers.) Wint., Rust. Copiah.

R. SP., Youngberry.
Fusarium rubi Wint., Double Blossom. Harrison and Hinds.
Leptosphaeria coniothyrium (Fckl.) Sacc., Cane Blight. Harrison, Noxubee, Oktibbeha, and Perry.

R. SP.
Kuehneola uredinis (Link.) Arth., Rust. Jackson.
Kunkelia nitens (Schw.) Arth., Rust. Copiah.
Plectodiscella veneta Burk., Anthracnose. Lafayette.

RUDBECKIA

R. LACINIATA L., Tall Coneflower.
Uromyces perigynius Hals., Rust. Oktibbeha.
Uromyces rudbeckiae Arth. & Holw., Rust. Oktibbeha.

R. TRILOBA L., Thinleaved Coneflower.
Septoria rubdbeckiae Ell. & Hals., Leaf Spot. Lafayette.

RUELLIA

R. STREPENS L., Limestone Ruellia.
Puccinia lateripes Berk. & Rav., Rust. Harrison.
Puccinia ruelliae (Berk. & Br.) Lagerh., Rust. Harrison.

RUMEX

R. CRISPUS L., Curly Dock.
Ovularia obliqua (Cke.) Oud., Leaf Spot. Calhoun.
Ramularia occidentalis Ell. & Kell., Leaf Spot. Oktibbeha.

R. OBTUSIFOLIUS L., Bitter Dock.
Ramularia circumfusa Ell. & Ev., Leaf Spot. Newton.

RYNCHOSPORA

R. FASCICULARIS (Michx.) Vahl, Fasciculate Beaked Rush.
Uromyces rhynchosporae Ell., Rust. Hinds.

R. GLOMERATA (L.) Vahl, Clustered Beaked Rush.
Uromyces rhynchosporae Ell., Rust. Lowndes.

SABAL

S. MINOR Pers., Dwarf Palmetto.
Meliola amphitricha Fr., Sooty Mold. Pearl River.

S. PALMETTO Lodd., Cabbage Palmetto.
Meliola amphitricha Fr., Sooty Mold. Harrison.
Meliola palmicola Wint., Sooty Mold. Jackson.

SACCHARUM

S. OFFICINARUM L., Sugarcane.
Colletotrichum falcatum Went., Red Rot. Jackson.
Gloeocercospora sorghi Bain & Edgerton, Zonate Leaf Spot.
Lauderdale and Pearl River.
Gnomonia iliau Edg., Stem Rot. Franklin and Yazoo.
Melanconium sacchari Mass., Rind Disease. Leake.
Sclerotium rolfsii Sacc., Southern Blight. Adams and Jackson.
Virus, Mosaic.

SAGITTARIA

S. LATIFOLIA Willd., Broadleaved Arrowhead.
Cercospora sagittariae Ell. & Kell., Leaf Spot. Tallahatchie.

SALIX

S. CORDATA Muhl., Heartleaved Willow.
Rhytisma salicinum (P.) Fr., Tar Spot. Monroe.

S. DISCOLOR Muhl., Pussywillow.
Botryosphaeria ribis Gross. & Dugg. var. chromogena Shear. Coahoma and Forrest.
Cercospora salicina Ell. & Ev., Leaf Spot. Leflore.

S. INTERIOR Rowlee, Sandbar Willow.
Melampsora abieti-caprearum Tub., Rust. Jones.
Melampsora americana Arth., Rust. Jones.

S. NIGRA Marsh., Black Willow.
Darluca filum (Biv.) Cast. (parasitic on Melampsora bigelowii Thuem.). Oktibbeha.
Melampsora bigelowii Thuem., Rust. Oktibbeha.
Rhytisma salicinum (P.) Fr., Tar Spot. Webster.
Uredo bigelowii Arth., Rust. Oktibbeha.

S. SP., Willow.
Heterodera marioni (Cornu) Goodey, Root-knot. Lauderdale.
Uncinula salicis (DC.) Wint., Powdery Mildew. Oktibbeha.

S. SP.
Cercospora salicina Ell. & Ev., Leaf Spot. Jones.
Diatrypella pulcherrima Ell. & Ev. Clarke.
Discella carbonacea (Fr.) Berk. & Br. Greene.
Discula brenckleana (Sacc. & Syd.) Petrak. Humphreys.
Trimmatostroma americanum Thuem. Benton.

SAMBUCUS

S. CANADENSIS L., American Elder.
Cercospora catenospora Atk., Leaf Spot. Coahoma.
Cercospora depazeoides (Desm.) Sacc., Leaf Spot. Coahoma and Stone.
Cytospora sambucina Ell. & Bart.
Gloeosporium tineum Sacc., Leaf Spot. Jones.
Haplosporella seriata Ell. & Ev. Webster.
Puccinia bolleyana Sacc., Rust. Harrison and Madison.
Ramularia sambucina Sacc., Leaf Spot. Jackson.

S. NIGRA L., European Elder.
Cercospora catenospora Atk., Leaf Spot. Pearl River.
Cercospora depazeoides (Desm.) Sacc., Leaf Spot. Pearl River.

SANICULA

S. CANADENSIS L., Shortstyled Snakeroot.
Synchytrium pluriannulatum (Curt.) Farl. Oktibbeha.

S. MARILANDICA L., Black Snakeroot.
Synchytrium pluriannulatum (Curt.) Farl. Oktibbeha.

SASSAFRAS

S. ALBIDUM (Nutt.) Nees, Common Sassafras.
Diplodia sassafras Tracy & Earle. Noxubee and Oktibbeha.

SAURURUS

S. CERNUUS L., Common Lizardstail.
Cercospora saururi Ell. & Ev., Leaf Spot. Rankin.

SCIRPUS

S. CYPERINUS (L.) Kunth., Woolgrass Bulrush.
Puccinia angustata Pk., Rust. Kemper and Oktibbeha.

S. SP.
Hypoderma scirpinum DC. Holmes.

SCLERIA

S. TRIGLOMERATA Michx., Tall Nutrush.
Phyllachora scleriicola Miles, Leaf Spot. George.

SCROPHULARIA

S. MARILANDICA L., Maryland Figwort.
Septoria scrophulariae Pk., Leaf Spot. Lee.

SCUTELLARIA

S. INCANA Muhl., Downy Skullcap.
Cercospora scutellariae Ell. & Ev., Leaf Spot. Lafayette.

S. VERSICOLA Nutt., Heartleaved Skullcap.
Septoria scutellariae Thuem., Leaf Spot. Hancock.

SEBASTIANA

S. LIGUSTRINA (Michx.) Muell. Arg., Sebastian Bush.
Uromyces graminicola Burr., Rust. Stone.

SECALE

S. CEREALE L., Rye.
Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose. Oktibbeha.
Puccinia rubigo-vera (DC.) Wint., Rust. Oktibbeha.

SETARIA

S. GLAUCA (L.) Beauv., Pigeongrass.
Ustilago neglecta Niessl, Smut. Calhoun and Oktibbeha.

S. ITALICA (L.) Beauv., Foxtail Millet.
Piricularia grisea (Cke.) Sacc. Adams.

S. SP.
Sclerospora graminicola (Sacc.) Schr., Downy Mildew. Clay.

SICYOS

S. ANGULATUS L., Oneseeded Bur-Cucumber.
Peronospora australis Speg., Downy Mildew.

SIDA

S. SPINOSA L., Prickly Sida.
Puccinia heterospora Berk. & Curt., Rust. Lincoln and Oktibbeha.

S. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. George.

SILPHIUM

S. ASPERRIMUM Hook., Rosinweed.
Coleosporium terebinthinaceae (Schw.) Arth., Rust. Oktibbeha.

S. INTEGRIFOLIUM Michx., Entire-leaved Rosinwood.
Cercospora silphii Ell. & Ev., Leaf Spot. DeSoto.
Puccinia silphii Schw., Rust. Lafayette and Oktibbeha.

S. PERFOLIATUM L., Cup-plant.
Puccinia silphii Schw., Rust. Pearl River.

SIUM

S. CICUTAEFOLIUM Schrank., Water Parsnip.
Cercospora sii Ell. & Ev., Leaf Spot. Yazoo.

SMILACINA

S. RACEMOSA (L.) Desf., Feather Solomonplume.
Septoria smilacinae Ell. & Mart., Leaf Spot. Choctaw.

S. STELLATA Desf., Starry Solomonplume.
Phyllosticta convallariae P. ex Seaver, Leaf Spot. Greene.

SMILAX

S. GLAUCA Walt., Glaucous-leaved Greenbrier.
Cercospora mississippiensis Tracy & Earle, Leaf Spot. Coahoma.
Cercospora smilacis Thuem., Leaf Spot. Coahoma.
Puccinia smilacis Schw., Rust. Stone.

S. HISPIDA Muhl., Bristly Greenbrier.
Discosia smilacina DeN., Leaf Spot. Wayne

S. LAURIFOLIA L., Laurel-leaved Greenbrier.
Cercospora smilacis Thuem., Leaf Spot. DeSoto and Pearl River.
Pestalozzia funerea Desm., Leaf Spot. Amite.

S. SP.
Cercospora mississippiensis Tracy & Earle, Leaf Spot. Coahoma.
Cercospora smilacis Thuem., Leaf Spot. Hinds and Issaquena.
Coniothyrium fuckelii Sacc., Stem Canker. Oktibbeha.
Dicaeoma smilacis Ktze., Rust. Stone.
Puccinia smilacis Schw., Rust. Jackson and Oktibbeha.
Ramularia subrufa Ell. & Holw., Leaf Spot. Oktibbeha.

SOJA

S. MAX (L.) Piper, Soybean.
Bacterium sojae Wolf, Bacterial Blight.

SOJA--cont.

S. MAX--cont.

Cercospora cruenta Sacc., Leaf Spot. Oktibbeha.

Cercospora daizu Miura, Frog-eye. Itawamba, Lafayette, Pearl River, Scott, and Walthall.

Diaporthe sojae Lehman, Pod Blight.

Peronospora manshurica (Naoum.) Syd., (Peronospora sojae Lehman & Wolf) Downy Mildew. Attala.

Phytomonas tabaci (Wolf & Foster) Bergey et al., Wildfire.

Pseudomonas glycinea (Coerper) Stapp, Bacterial Blight. Jasper and Oktibbeha.

Sclerotium bataticola Taub., Southern Blight. Lincoln and Washington.

Sclerotium rolfsii Sacc., Southern Blight.

Septoria glycines Hemm., Leaf Spot. Lauderdale.

Virus, Mosaic. Oktibbeha.

Xanthomonas phaseoli var. sojense (Hed.) Starr & Burk. Bacterial Pustule. DeSoto and Quitman.

SOLANUM

S. MELONGENA L., Eggplant.

Cuscuta sp., Dodder, Love Vine. Marshall.

Heterodera marioni (Cornu) Goodey, Root-knot. Holmes, Issaquena, Leflore, Monroe, Sunflower, Tate, and Washington.

Phomopsis vexans (Sacc. & Syd.) Hart., Leaf Spot, Fruit Rot. Monroe.

Sclerotium rolfsii Sacc., Southern Blight.

S. TUBEROSUM L., Potato.

Alternaria solani (Ell. & Mart.) Jones & Grout, Early Blight. Clarke, Hinds, Oktibbeha, and Yazoo.

Cercospora concors (Casp.) Sacc., Leaf Blotch. Rankin.

Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Copiah, Harrison, Holmes, and Marshall.

Phytophthora infestans (Mont.) DBy., Late Blight. Covington, Jackson, Marion, Oktibbeha, and Washington.

Sclerotium rolfsii Sacc., Southern Blight.

Virus, Rugose Mosaic.

SOLIDAGO

S. CANADENSIS L., Canada Goldenrod.

Coleosporium solidaginis (Schw.) Thuem., Rust. Lafayette and Marion.

Puccinia asteris Duby, Rust. Oktibbeha.

Puccinia asterum Kern, Rust. Oktibbeha.

Puccinia extensicola Plowr., Rust. Oktibbeha.

S. FISTULOSA Mill., Pine Barren Goldenrod.

Coleosporium solidaginis (Schw.) Thuem., Rust. George and Oktibbeha.

SOLIDAGO--cont.

S. SP.

Coleosporium solidaginis (Schw.) Thuem., Rust. George and Oktibbeha.

Dothidea solidaginis (Schw.) Fr. Attala.

Erysiphe cichoracearum DC., Powdery Mildew. Oktibbeha.

Uromyces solidaginis (Sommerf.) Niessl., Rust. Oktibbeha.

SORGHASTRUM

S. NUTANS (L.) Nash, Yellow Indiangrass.

Cerebella andropogonis Ces., False Smut. Sharkey.

Puccinia virgata Ell. & Ev., Rust. Harrison and Noxubee.

SORGHUM

S. HALEPENSE (L.) Pers., Johnson Grass.

Ascochyta sorghina Sacc. Oktibbeha.

Colletotrichum falcatum Went., Red Rot. Oktibbeha and Prentiss.

Puccinia purpurea Cke., Rust. Oktibbeha.

S. SACCHARATUM (L.) Moench, Sorgho.

Sphacelotheca sorghi (Link) Clint., Covered Kernel Smut. Oktibbeha.

S. VULGARE Pers., Sorghum.

Ascochyta sorghina Sacc., Leaf Spot.

Cercospora sorghi Ell. & Ev., Leaf Spot.

Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose and Red Rot.

Gloeocercospora sorghi Bain & Edgerton, Zonate Leaf Spot. Lauderdale and Pearl River.

Phoma insidiosa F. Tassi. Marshall.

Pseudomonas andropogoni (E. F. Sm.) Stapp. Bacterial Stripe.

Puccinia purpurea Cke., Rust.

Sphacelotheca sorghi (Link.) Clint., Covered Kernel Smut. Lawrence, Oktibbeha, Pearl River, and Rankin.

Titaeospora andropogonis (Miura) Tai, Sooty Stripe.

S. VULGARE var. TECHNICUM (Koern.) Jav., Broom corn.

Colletotrichum lineola Cka., Anthracnose. Jasper.

S. SP.

Ascochyta sorghina Sacc. Oktibbeha.

SPARTINA

S. CYNOSUROIDES (L.) Roth., Salt Reedgrass.

Dicaeoma cephalanthi Jacks., Rust. Harrison.

Puccinia peridermiospora (Ell. & Tracy) Arth., Rust. Choctaw and Jackson.

Puccinia seymouriana Arth., Rust. Choctaw.

SPARTINA--cont.

S. MICHAUXIANA Hitchc., Tall Marshgrass.
Puccinia peridermiospora (Ell. & Tracy) Arth., Rust. Harrison.
Puccinia seymouriana Arth., Rust. Choctaw.

SPECULARIA

S. PERFOLIATA (L.) A. DC., Clasping Venus' Lookingglass.
Septoria speculariae Berk. & Curt., Leaf Spot. Madison, Lowndes, and Oktibbeha.

SPHENOPHOLIS

S. NITIDA (Spreng.) Scribn., Slender Eaton's-grass.
Puccinia eatoniae Arth., Rust. Oktibbeha.

S. OBTUSATA (Michx.) Scribn., Prairie Wedgescale.
Puccinia eatoniae Arth., Rust. Harrison.

S. SP.
Epichloe typhina (P. ex Fr.) Tul. Perry.

SPINACIA

S. OLERACEA L., Spinach.
Colletotrichum spinaciae Ell. & Halst., Anthracnose. Jones.

SPIRAEA

S. SP., Spirea
Heterodera marioni (Cornu) Goodey, Root-knot. Holmes and Lamar.

SPOROBOLUS

S. INDICUS (L.) R. Br., Smutgrass.
Helminthosporium ravenelii M. A. Curtis, Leaf Spot. Marion and Rankin.
Ophiodothis atramentosa (Berk. & Curt.) Earle. Jackson.

S. ASPER (Michx.) Kunth., Tall Dropseed.
Puccinia verbenicola Arth., Rust. Jackson.
Puccinia vilfae Arth. & Holw., Rust. Jackson.

STACHYS

S. PALUSTRIS L., Hedge Nettle.
Septoria stachydis Rob. & Desm., Leaf Spot. Lafayette.

STEIRONEMA

S. CILIATUM (L.) Raf., Fringed Loosestrife.
Septoria conspicua Ell. & Martin, Leaf Spot. Choctaw.

STELLARIA

S. MEDIA (L.) Cyrill., Chickweed.
Synchytrium stellariae Fckl. Oktibbeha.

STIZOLOBIUM

S. DEERINGIANUM Bort., Deering Velvetbean.
Cercospora stizolobii Syd., Leaf Spot. Lafayette and Harrison.

STROPHOSTYLES

S. HELVOLA (L.) Britton, Trailing Wildbean.
Uromyces phaseoli (Pers.) Wint., Rust. Jackson.
Uromyces phaseoli typica Arth., Rust. Jackson.

S. PAUCIFLORA (Benth.) S. Wats., Small Wildbean.
Uromyces phaseoli (Pers.) Wint., Rust. Jackson.

STYLOSANTHES

S. BIFLORA (L.) B.S.P., Pencilflower.
Phoma gramma (Schw.) Starb. Pearl River.

STYRAX

S. AMERICANA Lam., American Snowball.
Cercospora styracae Miles, Leaf Spot. Wayne.

SYMPHORICARPOS

S. RACEMOSUS Michx., Snowberry, Waxberry.
Microsphaera symphoricarpi Howe., Powdery Mildew. Hinds.

S. SP., Coralberry.
Microsphaera diffusa Cke. & Pk., Powdery Mildew. Pike.

SYMPLOCOS

S. TINCTORIA (L.) L'Her., Sweetleaf.
Exobasidium symploci Ell. & Martin, Leaf Gall. Jackson and Leflore.
Septoria symploci Ell. & Martin, Leaf Spot. Marion.

SYRINGA

S. PERSICA L., Persian Lilac.
Cercospora lilacis (Desm.) Sacc., Leaf Spot. Clarke, Coahoma, and Lafayette.

S. VULGARIS L., Common lilac.
Microsphaera alni (DC.) Wint., Powdery Mildew. Coahoma, Forrest, and Scott.
Sclerotium rolfsii Sacc., Southern Blight. Lowndes.

S. SP., Lilac.
Heterosporium syringae Oud. Neshoba.

TARAXACUM

T. OFFICINALE Weber, Common Dandelion.
Physarum cinereum (Batsch) Pers., Slime Mold. Oktibbeha.
Puccinia hieracii (Schum.) Mart., Rust. Lafayette and Webster.

TARAXACUM--cont.
T. OFFICINALE--cont.
Puccinia taraxaci Plowr., Rust. Jones and Lafayette.
Ramularia taraxaci Karst., Leaf Spot. Holmes and Oktibbeha.

TEPHROSIA
T.VIRGINICA(L.) Pers., Virginia Tephrosia.
Ravenelia eriphylla (Schw.) Diet., Rust. Tishomingo.

TEUCRIUM
T CANADENSE L., American Germander.
Cercospora racemosa Ell. & Martin, Leaf Spot. Hinds.
Cercospora teucrii Ell. & Kell., Leaf Spot. Wilkinson.

THALICTRUM
T. DIOICUM L., Early Meadowrue.
Polythelis thalictri Arth. Tishomingo.

THUJA
T. ORIENTALIS L., Oriental Arborvitae.
Cercospora thujina Plakidas, Thuja Blight. Jones, Lowndes, and Newton.

TILIA
T. AMERICANA L., American Linden, Basswood.
Cercospora microsora Sacc., Leaf Blight. Newton.
Exosporium tiliae Lk., Leaf Spot. Lowndes.
Uncinula clintonii Pk., Powdery Mildew. Bolivar.

TINIARIA
T. CONVOLVULUS (L.) Webb & Moq., Corn Bindweed.
Cercospora polygonacea Ell. & Ev., Leaf Spot. Rankin.

TOVARA
T. VIRGINIANA (L.) Raf., Virginia Knotweed.
Puccinia polygoni-amphibii Pers., Rust. Forrest.

TRIDENS
T. FLAVA (L.) Hitchc., Tall Red-Top.
Puccinia windsoriae Schw., Rust. Covington and Oktibbeha.

TRIFOLIUM
T. CAROLINIANUM Michx., Carolina Clover.
Uromyces elegans (Berk.) Lagh., Rust. Harrison.

T. DUBIUM, Hop Clover.
Erysiphe polygoni DC., Powdery Mildew.

TRIFOLIUM--cont.

T. INCARNATUM, Crimson Clover.
Cercospora zebrina Pass., Leaf Spot.
Polythrincium trifolii Kze., Sooty Mold.

T. PRATENSE L., Red Clover.
Erysiphe polygoni DC., Powdery Mildew. Adams and Panola.
Uromyces fallens (Desm.) Kern, Rust. Attala.
Uromyces trifolii (Hedw.) Lev., Rust. Rankin and Stone.

T. PROCUMBENS L., Low Hop Clover.
Erysiphe polygoni DC., Powdery Mildew. Oktibbeha.

T. REFLEXUM L., Buffalo Clover.
Polythrincium trifolii Kze. Oktibbeha.

T. REPENS L., White, Dutch, or Honeysuckle Clover.
Erysiphe polygoni DC., Powdery Mildew. Oktibbeha.
Polythrincium trifolii Kze. Tallahatchie.
Sclerotinia trifoliorum Eriks., Root Rot. Stone.

T. SP.
Helminthosporium sp., Leaf Spot. Lincoln.
Polythrincium trifolii Kze. Alcorn, George, Oktibbeha, and Stone.
Uromyces trifolii (Hedw.) Lev., Rust. Hinds.

TRILLIUM

T. RECURVATUM Berk., Prairie Trillium.
Septoria trillii Pk., Leaf Spot. Noxubee, Pontotoc, and Smith.

T. SP.
Septoria trillii Pk., Leaf Spot. Lee.

TRIPSACUM

T. DACTYLOIDES L., Eastern Gamagrass.
Puccinia tripsaci Diet. & Holw., Rust. Oktibbeha.

TRITICUM

T. AESTIVUM L., Wheat.
Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose. DeSoto.
Fusarium culmorum (W. Sm.) Sacc., Seedling Blight. DeSoto.
Gibberella saubinetti (Mont.) Sacc., Fusarium Blight, Scab. Wayne.
Puccinia clematidis Lagh., Rust. Lauderdale and Oktibbeha.
Puccinia graminis Pers., Rust. DeSoto and Oktibbeha.
Puccinia triticina Erikss., Leaf Rust. DeSoto, Issaquena, and Sharkey.
Sclerotium rolfsii Sacc., Southern Blight. Oktibbeha.

TRITICUM--cont.

T. AESTIVUM--cont.

Septoria glumarum Pass., Speckled Leaf Blotch. Oktibbeha.
Septoria nodorum Berk., Speckled Leaf Blotch, Glume Blotch. Clay and DeSoto.
Septoria tritici Desm., Speckled Leaf Blotch, Glume Blotch. Lauderdale and Washington.
Tilletia levis Kuehn, Smut. Lauderdale.
Tilletia tritici (Bjerk.) Wint., Smut. Alcorn, Issaquena, Marshall, Monroe, and Simpson.
Ustilago tritici (Pers.) Rost., Loose Smut. Lauderdale, Marshall, and Prentiss.

TROPAEOLUM

T. MAJUS L., Common Nasturtium.

Pleospora tropaeoli Halst., Leaf Spot. Attala.

TYPHA

T. LATIFOLIA L., Common Cattail.

Hendersonia typhae Oud. Sunflower.

ULMUS

U. ALATA Michx., Winged Elm.

Cylindrosporium ulmicola Ell. & Ev. Hinds.
Phleospora ulmi (Fr.) Wallr. Oktibbeha.
Uncinula macrospora Pk., Powdery Mildew. Clarke and Oktibbeha.

U. AMERICANA L., American Elm.

Cylindrosporium ulmicola Ell. & Ev., Leaf Spot. Jackson.
Gloeosporium ulmicolum Miles, Leaf Spot. Holmes,
Gnomonia ulmea (Schw. ex Fr.) Thuem., Leaf Spot. Forrest, Lauderdale, Oktibbeha, and Tate.
Phleospora ulmi (Fr.) Wallr. Marion.
Schizophyllum commune Fr., Sap Rot. Oktibbeha.
Uncinula macrospora Pk., Powdery Mildew. Lauderdale and Tippah.

U. CRASSIFOLIA Nutt., Cedar Elm.

Gnomonia ulmea (Schw. ex Fr.) Thuem., Leaf Spot. Lauderdale.

U. FULVA Michx., Slippery Elm.

Ceratophorum ulmicolum Ell. & Kell. Coahoma.
Phleospora ulmi (Fr.) Wallr. Alcorn.
Phyllosticta melaleuca Ell. & Ev., Leaf Spot. Oktibbeha.
Phyllosticta ulmicola Sacc., Leaf Spot. Oktibbeha.

U. SP.

Ceratophorum ulmicolum Ell. & Kell. Scott.
Microsphaera alni (DC.) Wint., Powdery Mildew. Clay.

UNIOLA

U. LATIFOLIA Michx., Broadleaf Uniola.
Phoma glumarum Ell. & Tracy. Lowndes.

U. LAXA (L.) B.S.P., Slender Spikegrass.
Ustilago uniolae Ell. & Ev., Smut. Attala.

UVULARIA

U. SESSILIFOLIA L., Sessile-leaved Bellwort.
Puccinia majanthae Arth. & Holw., Rust. Oktibbeha.
Puccinia sessilis W. G. Schneid., Rust. Oktibbeha.

VACCINIUM

V. ARBOREUM Marsh., Farkleberry.
Phyllosticta vaccinii Earle, Leaf Spot. Wayne.
Rhytisma vaccinii (S.) Fr., Tar Spot. Forrest County; Ship Island.

V. CORYMBOSUM L., Highbush Blueberry.
Synchytrium vaccinii Thomas, Red Gall. Amite.

V. STAMINEUM L., Common Deerberry.
Pestalozzia gibbosa Hark., Leaf Spot. Jackson.
Phyllactinia suffulta (Reb.) Sacc., Powdery Mildew. Pearl River.

V. TENELLUM Ait., Small Black Blueberry.
Exobasidium vaccini (Fckl.) Wor., Leaf Gall. George and Wayne.
Rhytisma vaccinii (S.) Fr., Tar Spot. Marion.

V. VIRGATUM Ait., Southern Black Huckleberry.
Rhytisma vaccinii (S.) Fr., Tar Spot. DeSoto and Oktibbeha.

V. SP., Blueberry.
Rhytisma vaccinii (S.) Fr., Tar Spot. Pearl River.

VALERIANELLA

V. RADIATA (L.) Dufr., Beaked Cornsalad.
Septoria valerianellae Miles, Leaf Spot. Oktibbeha.
Synchytrium aureum Schroet. Oktibbeha.

VERATRUM

V. VIRIDE Ait., American White Hellebore.
Puccinia veratri (DC.) Duby., Rust. DeSoto.

VERBASCUM

V. BLATTARIA var. ALBIFLORUM, White Moth Mullein.
Septoria verbascicola Berk. & Curt., Leaf Spot. Oktibbeha.

V. THAPSUS L., Great Mullein.
Ramularia variabilis Fckl., Leaf Spot. Tunica.

VERBENA

V. HASTATA L., Blue Vervain.
Septoria verbenae Rob. & Desm., Leaf Spot. Humphreys.

V. STRICTA Vent., Wooly Verbena.
Erysiphe cichoracearum DC., Powdery Mildew. Calhoun.
Septoria verbenae Rob. & Desm., Leaf Spot. Oktibbeha.

V. SP.
Erysiphe cichoracearum DC., Powdery mildew. Coahoma, Humphreys, Lincoln, Pike, and Warren.

VERBESINA

V. VIRGINICA L., Small White Crownbeard.
Puccinia cognata Syd., Rust. Franklin.

VERNONIA

V. ALTISSIMA Nutt., Tall Ironweed.
Coleosporium vernoniae Berk. & Curt., Rust. Oktibbeha.

V. BALDWINI Torr., Baldwin Ironweed.
Cercospora vernoniae Ell. & Kell., Leaf Spot. Winston.
Coleosporium vernoniae Berk. & Curt., Rust. Lee.

V. FASCICULATA Michx., Western Ironweed.
Coleosporium vernoniae Berk. & Curt., Rust. Choctaw, Jones, and Oktibbeha.
Puccinia vernoniae Schw., Rust. Jones.

V. SP.
Coleosporium carneum Jacks., Rust. Oktibbeha.
Heterodera marioni (Cornu) Goodey, Root-knot. Stone.

VERONICA

V. PEREGRINA L., Purslane Speedwell.
Entyloma linariae Schroet. var. veronicae Wint., Leaf Smut. Wayne.

VIBURNUM

V. ACERIFOLIUM L., Mapleleaf Arrowwood.
Microsphaera alni (DC.) Wint., Powdery Mildew. Carroll.

V. CASSINOIDES L., Withe-rod, Viburnum.
Cercospora varia Pk., Leaf Spot. Coahoma.

V. OPULUS L., European Cranberrybush: High Bush Cranberry.
Cercospora opuli (Fckl.) v. Hoehn., Leaf Spot. Panola.
Cercospora varia Pk., Leaf Spot. Panola.

V. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. Stone.

VICIA

V. AMERICANA Muhl., Purple Vetch.
Ascochyta pisi Lib., Blight. Oktibbeha.
Pucciniola porosa (Pk.) Arth., Rust. Lee.
Uromyces coloradensis Ell. & Ev., Rust. Lee.

V. ANGUSTIFOLIA L., Smaller Common Vetch.
Ascochyta pisi Lib., Blight. Oktibbeha.

V. SATIVA L., Common Vetch.
Ascochyta pisi Lib., Blight. Oktibbeha and Pearl River.
Peronospora viciae (Berk.) DBy., Downy Mildew. George and Oktibbeha.

V. VILLOSA Roth., Hairy Vetch.
Ascochyta pisi Lib., Blight. Madison.
Ascochyta sp., Leaf Spot.
Colletotrichum viciae Dearness & Overholts, Anthracnose.
Erysiphe polygoni DC., Powdery Mildew.
Protocoronospora nigricans Atk. & Edgerton emend. Wolf, False Anthracnose.

VIGNA

V. SINENSIS (Torner) Savi, Common Cowpea.
Amerosporium oeconomicum Ell. & Tracy, Leaf Spot. Itawamba. Jefferson, Lauderdale, and Neshoba.
Cercospora canescens Ell. & Mart., Leaf Spot. Forrest and Hinds.
Cercospora cruenta Sacc., Leaf Spot. Calhoun, Oktibbeha, and Washington.
Cercospora vignae Ell. & Ev., Leaf Spot.
Choanephora cucurbitarum (Berk. & Rav.) Thax., Pod Rot.
Cladosporium vignae Gardner, Leaf Spot. George and Greene.
Corticium vagum. Berk. & Curt., Stem Rot. Jackson.
Fusarium vasinfectum var. tracheiphilum Erw. Sm., Wilt.
Heterodera marioni (Cornu) Goodey, Root-knot. Lauderdale, Newton, Oktibbeha, Pike, and Prentiss.
Ramularia sp., Frosty Mildew.
Rhizoctonia microsclerotia Matz, Leaf Blight.
Sclerotium bataticola Taub., Southern Blight. Marshall.
Uromyces phaseoli vignae (Barclay) Arth., Rust. George.
Virus, Mosaic.

V. SP.
Cercospora cruenta Sacc., Leaf Spot. Forrest.

VINCETOXICUM

V. PALUSTRE Gray, Winding Milkweed.
Puccinia gonolobi Rav., Rust. Harrison.
Puccinia obliqua Berk. & Curt., Rust. Harrison.

VIOLA

V. BLANDA Willd., Sweet White Violet.
Cercospora violae Sacc., Leaf Spot. Harrison.
Puccinia violae (Schum.) DC., Rust. Jackson.

V. CUCULLATA Ait., Marsh Blue Violet.
Dicaeoma violae Ktze., Rust. Oktibbeha.
Puccinia violae (Schum.) DC., Rust. Oktibbeha.

V. ERIOCARPA Schwein., Smoothish Yellow Violet.
Puccinia violae (Schum.) DC., Rust. Jackson.

V. ODORATA L., English or Sweet Violet.
Gloeosporium violae Berk. & Br., Leaf Spot. Lauderdale and Webster.

V. PALMATA L., Early Blue Violet
Cercospora violae Sacc., Leaf Spot. Oktibbeha.
Puccinia violae (Schum.) DC., Rust. Oktibbeha.

V. SP.
Alternaria violae Gall. & Dorsett, Leaf Spot. Hinds.
Colletotrichum violae-tricoloris R. E. Smith, Leaf Spot. Oktibbeha and Quitman.
Puccinia violae (Schum.) DC., Rust. Jackson.
Ramularia lactea (Desm.) Sacc., Leaf Spot. Harrison.
Septoria violae West., Leaf Spot. Leflore and Simpson.
Sphaceloma violae Jenkins, Scab. Pike.

VITIS

V. AESTIVALIS Michx., Summer Grape.
Phyllosticta viticola Sacc. & Speg., Leaf Spot. Harrison.

V. CORDIFOLIA Michx., Frost Grape.
Isariopsis clavispora (Berk. & Curt.) Sacc., Leaf Spot. Attala.
Uncinula necator (Schw.) Burr., Powdery Mildew. Oktibbeha.

V. LABRUSCA L., Northern Fox Grape.
Isariopsis clavispora (Berk. & Curt.) Sacc., Leaf Spot. Adams, Covington, Harrison, and Lauderdale.
Plasmopara viticola (Berk. & Curt.) B. & DeT., Downy Mildew. George and Rankin.

V. ROTUNDIFOLIA Michx., Muscadine Grape.
Cercospora brachypus Ell. & Ev., Leaf Spot. Lauderdale.
Cercospora viticola (Ces.) Sacc., Leaf Spot. Lauderdale.
Glonium macrosporium Tracy & Earle. Lincoln.
Guignardia bidwellii (Ell.) Viala and Ravaz, Black Rot. Bolivar, Madison, and Webster.
Hysterographium vulvatum (Schw.) Rehm. Choctaw.
Melanconium fuligineum (Scrib. & Viala) Cav., Bitter Rot. George.
Phyllosticta labruscae Thuem., Leaf Spot. Harrison.

VITIS--cont.

V. ROTUNDIFOLIA--cont.

Phyllosticta viticola Sacc. & Speg., Leaf Spot. Franklin and George.

V. SP.

Cercospora viticola (Ces.) Sacc., Leaf Spot. Forrest and Webster.
Gloeosporium ampelophagum (Pass.) Sacc., Anthracnose. Jones and Oktibbeha.
Guignardia bidwellii (Ell.) Viala & Ravaz, Black Rot. Calhoun, Carroll, Clay, Greene, Hancock, Jackson, Neshoba, and Warren.
Isariopsis clavispora (Berk. & Curt.) Sacc., Leaf Spot. Jackson.
Plasmopara viticola (Berk. & Curt.) B. & DeT., Downy Mildew. Claiborne, Covington, Jones, Pearl River, and Stone.
Sphaceloma ampelinum DBy., Anthracnose. Adams, Amite, Jones, and Warren.

WEIGELA

W. SP.

Cercospora weigeliae Ell. & Ev., Leaf Spot. Coahoma.
Heterodera marioni (Cornu) Goodey, Root-knot. Coahoma, Greene, Lauderdale, Leflore, Stone, and Washington.

WISTARIA

W. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Jackson.

XANTHIUM

X. ORIENTALE L., Oriental Cocklebur.

Puccinia xanthii Schw., Rust. Oktibbeha and Simpson.

X. STRUMARIUM L., Cocklebur.

Erysiphe cichoracearum DC., Powdery Mildew. Covington.

XEROPHYLLUM

X. ASPHODELOIDES (L.) Nutt., Turkey-beard.

Puccinia atropuncta Pk. & Clint., Rust. Stone.

XYRIS

X. ELATA Chapm., Tall Yellow-eyed-grass.

Cercospora xyridis Miles, Leaf Spot. Stone.

YUCCA

Y. ALOIFOLIA L., Aloe Yucca.

Pleospora thuemeniana Sacc. Oktibbeha.

Y. FILAMENTOSA L., Adamsneedle Yucca.

Coniothyrium concentricum (Desm.) Sacc. Leflore.
Kellermannia yuccaegena Ell. & Ev., Leaf Spot. George.
Phoma concentrica Desm., Leaf Spot. Bolivar.

YUCCA--cont.

Y. GLAUCA Nutt., Small Soapweed.
Cylindrosporium angustifolium Ell. & Kell. Oktibbeha.

Y. GLORIOSA L., Moundlily Yucca: Spanish Bayonet.
Leptosphaeria obtusispora Speg., Leaf Spot. Clay, Lamar, and Monroe.

ZANTEDESCHIA

Z. AETHIOPICA, Common Calla.
Cercospora richardiaecola Atk., Leaf Spot. Forrest and Washington.

ZANTHOXYLUM

Z. AMERICANUM Mill., Prickly Ash.
Phyllactinia corylea (Pers.) Karst., Powdery Mildew. Choctaw.

ZEA

Z. MAYS L., Corn.
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Diplodia macrospora Earle. Oktibbeha.
Diplodia zeae (S.) Lév., Dry Rot. Choctaw and Stone.
Fusarium moniliforme Sheldon, Stalk Rot.
Gibberella saubinetti (Mont.) Sacc., Fusarium Blight, Scab. Alcorn.
Gloeocercospora sorghi Bain & Edgerton, Zonate Leaf Spot. Adams, Lauderdale, Neshoba, Oktibbeha, Pearl River, and Washington.
Helminthosporium maydis Nisik. & Mke., Leaf Spot. Oktibbeha.
Helminthosporium turcicum Pass., Leaf Blight. Oktibbeha.
Heterodera marioni (Cornu) Goodey, Root-knot. Holmes.
Physoderma zeae-maydis Shaw, Brown Spot. Jasper, Jones, Oktibbeha, Stone, and Warren.
Puccinia sorghi Schw., Rust. Adams, Bolivar, Claiborne, Forrest, Hinds, Pontotoc, Stone, and Tate.
Rhizoctonia solani Kuehn, Damping-Off.
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Z. ELEGANS Jacq., Common Zinnia.
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Cercospora zinniae Ell. & Martin. Copiah, Holmes, Simpson, and Stone.
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Prunus sp. (Plum)

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ENTYLOMA LINARIAE
Veronica peregrina
ENTYLOMA PHYSALIDIS
Physalis virginiana

EPICHLOÉ TYPHINA
Panicularia nervata
Sphenopholis sp.

EPICOCCUM SIMPLEX
Arundinaria sp. (Cane)

ERYSIPHE CICHORACEARUM
- Ambrosia artemisiifolia
- Ambrosia trifida
- Cucumis sativus
- Helianthus hirsutus
- Helianthus tuberosus
- Helianthus sp.
- Mesadenia atriplicifolia
- Phlox paniculata
- Plantago major
- Polygonum erectum
- Solidago sp.
- Verbena stricta
- Verbena sp.
- Xanthium strumarium
- Zinnia elegans

ERYSIPHE COMMUNIS
- Ranunculus abortivus

ERYSIPHE GALEOPSIDIS
- Chelone glabra

ERYSIPHE GRAMINIS
- Hordeum pusillum
- Poa pratensis

ERYSIPHE LAGERSTROEMIAE
- Lagerstroemia indica

ERYSIPHE POLYGONI
- Phaseolus vulgaris
- Pisum sativum
- Trifolium dubium
- Trifolium pratense
- Trifolium procumbens
- Trifolium repens
- Vicia villosa

EUTYPELLA CERVICULATA
- Alnus sp.

EUTYPELLA PLATANI
- Platanus occidentalis

EUTYPELLA STELLULATA
- Celtis sp.

EXOBASIDIUM AZALEAE
- Rhododendron indicum
- Rhododendron sp.

EXOBASIDIUM LEUCOTHOES
- Leucothoë axillaris

EXOBASIDIUM SYMPLOCI
- Symplocos tinctoria

EXOBASIDIUM VACCINII
- Rhododendron viscosum
- Rhododendron sp.
- Vaccinium tenellum

EXOSPORIUM CONCENTRICUM
- Euonymus japonicus

EXOSPORIUM PALMIVORUM
- Phoenix canariensis
- Phoenix dactylifera
- Phoenix sp.

EXOSPORIUM PLATANI
- Platanus occidentalis

EXOSPORIUM TILIAE
- Tilia americana

FABRAEA MACULATA
- Cydonia oblonga
- Pyrus communis
- Pyrus sinensis
- Pyrus sp.

FROMMEA DUCHESNEAE
- Duchesnea indica

FROMMEA OBTUSA
- Potentilla canadensis

FUSARIUM ANNUUM
- Capsicum annuum

FUSARIUM BATATATIS
- Ipomoea batatas

FUSARIUM BULBIGENUM var. NIVEUM
- Citrullus vulgaris

FUSARIUM BULBIGENUM var. TRACHEIPHILUM
- Crotalaria intermedia

FUSARIUM CULMORUM
- Triticum aestivum

FUSARIUM HYPEROXYSPORUM
- Ipomoea batatas

FUSARIUM LYCOPERSICI
- Lycopersicon esculentum

FUSARIUM MONILIFORME
- Zea mays

FUSARIUM OXYSPORUM f. CONGLUTINANS
- Callistephus chinensis

FUSARIUM OXYSPORUM f. LYCOPERSICI
- Lycopersicon esculentum

FUSARIUM OXYSPORUM f. NIVEUM
Citrullus vulgaris
FUSARIUM OXYSPORUM f. VASIN-
FECTUM
Gossypium hirsutum
FUSARIUM RUBI
Rubus sp. (Youngberry)
FUSARIUM VASINFECTUM
Gossypium hirsutum
FUSARIUM VASINFECTUM var.
TRACHEIPHILUM
Vigna sinensis
FUSARIUM SPP.
Gossypium hirsutum
FUSARIUM SP.
Gladiolus sp.
FUSARIUM SPP.
Ipomoea batatas

FUSICLADIUM ALOPECURI
Alopecurus aequalis
FUSICLADIUM EFFUSUM
Carya illinoensis

GIBBERELLA SAUBINETTI
Triticum aestivum
Zea mays

GLENOSPORA CURTISII
Nyssa sp.

GLOEOCERCOSPORA SORGHI
Saccharum officinarum
Sorghum vulgare
Zea mays

GLOEODES POMIGENA
Malus sylvestris

GLOEOSPORIUM AMPELOPHAGUM
Vitis sp.
GLOEOSPORIUM CACTORUM
Cactus sp.
Opuntia sp.
GLOEOSPORIUM CAMPHORAE
Cinnamomum camphora
GLOEOSPORIUM CANADENSE
Quercus alba
GLOEOSPORIUM DIOSPYRI
Diospyros kaki
Diospyros virginiana

GLOEOSPORIUM NERVISEQUUM
Platanus occidentalis
Quercus rubra
GLOEOSPORIUM OLEANDRI
Nerium oleander
GLOEOSPORIUM OPUNTIAE
Opuntia sp.
GLOEOSPORIUM PERENNANS
Pyrus communis
GLOEOSPORIUM PIPERATUM
Capsicum sp.
GLOEOSPORIUM ROSAE
Rosa sp.
GLOEOSPORIUM RUBI
Rubus procumbens
GLOEOSPORIUM TINEUM
Sambucus canadensis
GLOEOSPORIUM ULMICOLUM
Ulmus americana
GLOEOSPORIUM VIOLAE
Viola odorata
GLOEOSPORIUM SP.
Camellia sp.
Ficus carica
Hydrangea sp.

GLOMERELLA CINCTA
Ficus elastica
GLOMERELLA CINGULATA
Camellia japonica
Euonymus japonicus
Ligustrum indicum
Ligustrum ovalifolium
Malus sylvestris
GLOMERELLA FRUCTIGENA
Ficus carica
GLOMERELLA GOSSYPII
Gossypium herbaceum
Gossypium hirsutum
GLOMERELLA PIPERATA
Capsicum sp.
GLOMERELLA RUFOMACULANS
Lathyrus odoratus

GLOMERULARIA CORNI
Cornus sp.

GLONIUM MACROSPORIUM
Vitis rotundifolia

GNOMONIA ILIAU
Saccharum officinarum
GNOMONIA LEPTOSTYLA
Juglans sp.
GNOMONIA NERVISEDA
Carya illinoensis
GNOMONIA SETACEA
Carya illinoensis
GNOMONIA ULMEA
Ulmus americana
Ulmus crassifolia
GNOMONIA VENETA
Platanus occidentalis

GNOMONIELLA AMOENA
Liquidamber styraciflua

GONOBOTRYUM MACULICOLA
Hamamelis virginiana

GRAPHIOLA PHOENICIS
Phoenix dactylifera

GUIGNARDIA BIDWELLII
Vitis rotundifolia
Vitis sp.

GYMNOCONIA INTERSTITIALIS
Rubus occidentalis
Rubus procumbens
Rubus sp. (Blackberry)
GYMNOCONIA PECKIANA
Rubus procumbens
Rubus sp. (Blackberry)

GYMNOSPORANGIUM BERMUDIANUM
Juniperus bermudiana
Juniperus virginiana
GYMNOSPORANGIUM CLAVIPES
Crataegus crus-galli
Crataegus sp. (Hawthorn)
Crataegus sp.
Cydonia oblonga
Juniperus virginiana
GYMNOSPORANGIUM FLORIFORME
Crataegus spathulata
Juniperus virginiana
GYMNOSPORANGIUM GLOBOSUM
Crataegus coccinea
(Gymnosporangium globosum)
Crataegus submollis
Crataegus sp. (Hawthorn)
Crataegus sp. (Crabapple)
Crataegus sp. (Mayhaw)
Juniperus virginiana
GYMNOSPORANGIUM JUNIPERI
Malus sylvestris
GYMNOSPORANGIUM JUNIPERI-VIRGINIANA
Malus ioensis
Malus sylvestris
Malus sp. (Flowering Crab-apple)
GYMNOSPORANGIUM NIDUS-AVIS
Amelanchier canadensis
Juniperus virginiana
GYMNOSPORANGIUM TRACHYSORUM
Crataegus crus-galli
Crataegus marshallii

HAPLOSPORELLA CLINTONII
Acer negundo
HAPLOSPORELLA SERIATA
Sambucus canadensis

HELMINTHOSPORIUM GENICULATUM
Eragrostis sp.
HELMINTHOSPORIUM MAYDIS
Zea mays
HELMINTHOSPORIUM RAVENELLI
Sporobolus indicus
HELMINTHOSPORIUM SATIVUM
Hordeum vulgare
HELMINTHOSPORIUM TURCICUM
Zea mays
HELMINTHOSPORIUM SP.
Avena sativa
Hordeum vulgare
Kyllinga pumila
Trifolium sp.

HENDERSONIA TYPHAE
Typha latifolia

HENDERSONULA ARISTIDAE
Aristida purpurascens

HETERODERA MARIONI
- Abelia sp.
- Aleurites fordii
- Althaea sp.
- Antirrhinum sp.
- Beta vulgaris
- Brassica oleracea var. capitata
- Brassica rapa
- Buxus sp.
- Cactus sp.
- Caladium sp.
- Capsicum sp.
- Celosia sp.
- Chrysanthemum sp.
- Citrullus vulgaris
- Cucumis melo var. cantalupensis
- Cucumis sativus
- Cucurbita pepo
- Cyclamen sp.
- Dahlia sp.
- Deutzia sp.
- Dianthus sp.
- Euonymus sp.
- Ficus carica
- Forsythia sp.
- Fragaria sp.
- Gardenia sp.
- Ginkgo biloba
- Gladiolus sp.
- Gossypium sp.
- Hibiscus esculentus
- Hydrangea sp.
- Ipomoea batatas
- Ligustrum sp.
- Lycopersicon esculentum
- Malus sp. (Apple)
- Narcissus sp.
- Paeonia sp.
- Phaseolus lunatus
- Phaseolus vulgaris
- Pisum sp.
- Prunus persica
- Pueraria thunbergiana
- Punica sp.
- Pyrus communis
- Raphanus sp.
- Rosa sp. (Rose)

(Heterodera marioni)
- Salix sp. (Willow)
- Sida sp.
- Solanum melongena
- Solanum tuberosum
- Spiraea sp.
- Vernonia sp.
- Viburnum sp.
- Vigna sinensis
- Weigela sp.
- Wisteria sp.
- Zea mays

HETEROSPORIUM ALLII
- Allium canadense

HETEROSPORIUM SYRINGAE
- Syringa sp. (Lilac)

HYALOPSORA POLYPODII
- Cystopteris fragilis

HYPOCHNUS OCHROLEUCUS
- Malus sylvestris

HYPOCRELLA HYPOXYLON
- Panicum anceps

HYPODERMA HEDGCOCKII
- Pinus echinata
- Pinus virginiana

HYPODERMA ILICINUM
- Quercus sp.

HYPODERMA LETHALE
- Pinus caribaea
- Pinus echinata

HYPODERMA SCIRPINUM
- Scirpus sp.

HYPOXYLON ANNULATUM
- Acer rubrum
- Quercus sp.

HYPOXYLON ATROPUNCTATUM
- Quercus sp.

HYPOXYLON FUSCUM
- Alnus sp.

HYPOXYLON INSIDENS
- Liriodendron tulipifera

HYPOXYLON MALLEOLUS
- Quercus sp.

HYPOXYLON PERFORATUM
Arundinaria sp.
Liquidambar styraciflua
HYPOXYLON PUNCTULATUM
Quercus sp.
HYPOXYLON SUBCHLORINUM
Carpinus sp.

HYSTEROGRAPHIUM VULVATUM
Vitis rotundifolia

ISARIOPSIS ALBOROSELLA
Cerastium vulgatum
ISARIOPSIS CLAVISPORA
Vitis cordifolia
Vitis labrusca
Vitis sp.
ISARIOPSIS GRISEOLA
Phaseolus vulgaris

KELLERMANNIA YUCCAEGENA
Yucca filamentose

KUEHNEOLA DUCHESNEAE
Duchesnea indica
KUEHNEOLA MALVICOLA
Hibiscus syriacus
KUEHNEOLA UREDINIS
Rubus procumbens
Rubus trivialis
Rubus sp.

KUNKELIA NITENS
Rubus procumbens
Rubus sp.

LAESTADIA BUXI
Buxus sempervirens
LAESTADIA ILLICIICOLA
Illicium floridanum

LEMBOSIA ANGUSTIFORMIS
Ilex coriacea
LEMBOSIA ILLICIICOLA
Illicium floridanum

LEPTOSPHAERIA CONIOTHYRIUM
Rubus sp. (Raspberry)
Rubus sp. (Youngberry)

LEPTOSPHAERIA OBTUSISPORA
Yucca gloriosa

LEPTOSTROMELLA FILICINA
Osmunda cinnamomea

LEPTOTHYRIUM CASTANICOLUM
Castanea dentata
LEPTOTHYRIUM CINCTUM
Prunus serotina
LEPTOTHYRIUM DRYINUM
Quercus falcata
Quercus stellata
LEPTOTHYRIUM PERONAE
Paeonia sp.
LEPTOTHYRIUM POMI
Malus sylvestris

LOPHODERMIUM AUSTRALE
Pinus palustris
Pinus taeda
LOPHODERMIUM CYRILLICOLA
Cyrilla racemiflora

MACROPHOMA CANDOLLEI
Buxus sempervirens
Buxus sp.
MACROPHOMA FICI
Ficus carica
MACROPHOMA SP.
Mahonia sp.

MACROPHOMINA PHASEOLI
Phaseolus vulgaris

MACROSPORIUM CAROTAE
Daucus carota
MACROSPORIUM CATALPAE
Catalpa bignonioides
MACROSPORIUM COMMUNE
Allium sp.
MACROSPORIUM CUCUMERINUM
Cucumis melo
MACROSPORIUM FASCICULATUM
Ilex opaca
MACROSPORIUM HERCULEUM
Brassica nigra
MACROSPORIUM NERII
Nerium oleander

MACROSPORIUM NIGRICANTIUM
Gossypium hirsutum
MACROSPORIUM PARASITICUM var. PORRI
Allium cepa
MACROSPORIUM PODOPHYLLI
Podophyllum peltatum
MACROSPORIUM SARCINULA
Allium cepa
MACROSPORIUM SOLANI
Datura stramonium

MARSSONIA DELASTREI
Agrostemma githago
MARSSONIA JUGLANDIS
Juglans cinerea
Juglans nigra
Juglans sp.
MARSSONIA MARTINI
Quercus alba
Quercus macrocarpa
Quercus marilandica
Quercus prinoides
Quercus prinus
Quercus sp.
MARSSONIA POPULI
Populus tremuloides
MARSSONIA QUERCUS
Quercus muhlenbergii
MARSSONIA RHABDOSPORA
Populus nigra

MASSARIA INQUINANS
Acer sp.

MELAMPSORA ABIETI-CAPREARUM
Salix interior
MELAMPSORA AMERICANA
Salix interior
MELAMPSORA BIGELOWII
Salix nigra
MELAMPSORA MEDUSAE
Populus deltoides
MELAMPSORA SP.
Populus sp.

MELANCONIS MARGINALIS
Alnus rugosa
MELANCONIS STILBOSTOMA
Betula lenta

MELANCONIUM BICOLOR
Betula sp.
MELANCONIUM FULIGINEUM
Vitis rotundifolia
MELANCONIUM SACCHARI
Saccharum officinarum
MELANCONIUM VISCOSUM
Robinia pseudoacacia

MELASMIA GLEDITSCHIAE
Gleditsia triacanthos

MELIOLA AMPHITRICHA
Magnolia grandiflora
Magnolia virginiana
Osmanthus americana
Persea pubescens
Sabal minor
Sabal palmetto
MELIOLA BIDENTATA
Bignonia capreolata
MELIOLA MANCA
Quercus cinerea
Quercus virginiana
MELIOLA MARTINIANA
Persea borbonia
Persea pubescens
MELIOLA NIDULANS
Cornus sp.
MELIOLA PALMICOLA
Sabal palmetto
MELIOLA TENUIS
Arundinaria tecta

METASPHAERIA INFUSCANS
Andropogon virginicus

MICROPERA CAESPITOSA
Ilex verticillata

MICROSPHAERA ALNI
Euonymus atropurpureus
Euonymus sp.
Ligustrum sp.
Quercus coccinea
Syringa vulgaris
Ulmus sp.
Viburnum acerifolium
MICROSPHAERA DENSISSIMA
Quercus velutina

MICROSPHAERA DIFFUSA
Lespedeza striata
Symphoricarpos sp.
MICROSPHAERA ELEVATA
Catalpa speciosa
MICROSPHAERA EUPHORBIAE
Euphorbia corollata
MICROSPHAERA QUERCINA
Quercus alba
Quercus prinoides
MICROSPHAERA RAVENELII
Gleditsia triacanthos
MICROSPHAERA SYMPHORICARPI
Symphoricarpos racemosus

MICROSTROMA JUGLANDIS
Carya alba
Juglans nigra

MOLLISIA DEHNII
Potentilla monspeliensis
MOLLISIA IRIDIS
Iris versicolor

MONILOCHAETES INFUSCANS
Ipomoea batatas

MONOCHAETIA CAMELLIAE
Camellia japonica
MONOCHAETIA DESMAZIERII
Quercus sp.

MONTAGNELLA HELIOPSIDIS
Helianthus divaricatus

MYCOSPHAERELLA FRAGARIAE
Fragaria virginiana
Fragaria sp.
MYCOSPHAERELLA LEUCOTHOES
Leucothoë axillaris
MYCOSPHAERELLA MYRICAE
Myrica cerifera
MYCOSPHAERELLA RUBI
Rubus sp. (Boysenberry)
Rubus sp. (Raspberry)
MYCOSPHAERELLA SENTINA
Pyrus sinensis

MYRIANGIUM CURTISII
Liquidambar styraciflua
MYRIANGIUM DURIAEI
Citrus sp.
Gleditsia triacanthos
MYRIANGIUM TUBERCULANS
Carya illinoensis
Crataegus mollis

MYROTHECIUM RORIDUM
Gossypium hirsutum

NECTRIA ROUSSELLIANA
Buxus sp.

NEMATOSPORA PHASEOLI
Phaseolus lunatus

NIGREDO HYPERICI-FRONDOSI
Hypericum mutilum
NIGREDO LESPEDEZAE-PROCUMBENTIS
Lespedeza repens
Lespedeza violacea
NIGREDO PROEMINENS
Euphorbia maculata

NUMMULARIA DISCRETA
Gleditsia triacanthos
Malus sylvestris
NUMMULARIA PUNCTULATA
Quercus sp.

OIDIUM ERYSIPHOIDES var. CROTALARIAE
Crotalaria spectabilis
OIDIUM EUONYMI-JAPONICI
Euonymus japonicus
OIDIUM SP.
Euonymus japonicus

OOSPORA TULIPIFERA
Liriodendron tulipifera

OPHIODOTHIS ATRAMENTOSA
Panicum sp.
Sporobolus indicus

OVULARIA MACLURAE
Maclura pomifera

OVULARIA OBLIQUA
Rumex crispus

PARODIELLA PERISPORIOIDES
Desmodium paniculatum
Desmodium rigidum
Desmodium sp.
Rhynchosia erecta

PENICILLIUM GLADIOLI
Gladiolus sp.

PENIOPHORA AURANTIACA
Alnus rugosa
PENIOPHORA CINEREA
Carpinus caroliniana

PERIDERMIUM CEREBRUM
Pinus taeda

PERONOSPORA ALSINEARUM
Cerastium viscosum
PERONOSPORA ALTA
Plantago major
PERONOSPORA AUSTRALIS
Sicyos angulatus
PERONOSPORA EFFUSA
Chenopodium album
PERONOSPORA EUPHORBIAE
Euphorbia serpyllifolia
PERONOSPORA LAMII
Lamium amplexicaule
PERONOSPORA MANSHURICA
Soja max
PERONOSPORA MYOSOTIDIS
Myosotis macrosperma
PERONOSPORA PARASITICA
Brassica oleracea var. capitata
Brassica rapa
Lepidium virginicum
Raphanus sativus
PERONOSPORA POTENTILLAE
Geum canadense
PERONOSPORA SCHLEIDENI
Allium cepa
PERONOSPORA SEYMOURII
Houstonia coerulea

PERONOSPORA VICIAE
Pisum sativum
Vicia sativa

PESTALOZZIA FUNEREA
Smilax laurifolia
PESTALOZZIA GIBBOSA
Vaccinium stamineum
PESTALOZZIA GUEPINI
Camellia japonica
Citrus nobilis
PESTALOZZIA PALMICOLA
Phoenix canariensis
PESTALOZZIA SUFFOCATA
Rosa sp.

PESTALOZZIELLA SUBSESSILIS
Geranium carolinianum

PEZIZELLA LYTHRI
Fragaria sp.

PHAKOPSORA CROTONIS
Croton capitatus
Croton monanthogynus

PHLEOSPORA ANEMONES
Anemone virginiana
PHLEOSPORA ULMI
Ulmus alata
Ulmus americana
Ulmus fulva

PHOMA BRESADOLAE
Cycas revoluta
PHOMA CONCENTRICA
Yucca filamentosa
PHOMA GLUMARUM
Uniola latifolia
PHOMA GRAMINELLA
Bromus secalinus
PHOMA GRAMMA
Stylosanthes biflora
PHOMA INSIDIOSA
Sorghum vulgare
PHOMA LINGAM
Brassica oleracea var. capitata

PHOMA OBSCURANS
Fragaria virginiana
PHOMA SP.
Gossypium hirsutum

PHOMOPSIS CITRI
Citrus sp. (Grapefruit)
PHOMOPSIS VEXANS
Solanum melongena

PHRAGMIDIUM IMITANS
Rubus sp. (Raspberry)
PHRAGMIDIUM RUBI-IDAEI
Rubus sp. (Raspberry)
PHRAGMIDIUM SPECIOSUM
Rosa carolina
Rosa virginiana

PHYLLACHORA AMBROSIAE
Ambrosia artemisiifolia
PHYLLACHORA GRAMINIS
Elymus canadensis
Muhlenbergia schreberi
Muhlenbergia sp.
Panicum amarum
Panicum dichotomum
Panicum sp. (Grass)
Paspalum dilatatum
Poa sp.
PHYLLACHORA SCLERIICOLA
Scleria triglomerata

PHYLLACTINIA CORYLEA
Fagus grandifolia
Fagus sylvatica
Ostrya virginiana
Quercus stellata
Zanthoxylum americanum
PHYLLACTINIA SUFFULTA
Ostrya virginiana
Vaccinium stamineum

PHYLLOSTICTA ACERICOLA
Acer rubrum
Acer saccharum
PHYLLOSTICTA AESCULI
Aesculus pavia
PHYLLOSTICTA AMBROSIOIDIS
Chenopodium ambrosioides

PHYLLOSTICTA AMPELOPSIDIS
Parthenocissus quinquefolia
Parthenocissus tricuspidata
PHYLLOSTICTA APOCYNI
Apocynum cannabinum
PHYLLOSTICTA ARGYREA
Elaeagnus sp.
PHYLLOSTICTA ASIMINAE
Asimina triloba
PHYLLOSTICTA AUCUBAE
Aucuba japonica
PHYLLOSTICTA BATATAS
Ipomoea batatas
PHYLLOSTICTA BUMELIAE
Bumelia lycioides
PHYLLOSTICTA CARYAE
Carya illinoensis
PHYLLOSTICTA CATALPAE
Catalpa speciosa
PHYLLOSTICTA CEANOTHI
Ceanothus americanus
PHYLLOSTICTA CONCENTRICA
Hedera helix
PHYLLOSTICTA CONVALLARIAE
Smilacina stellata
PHYLLOSTICTA COOKEI
Magnolia grandiflora
PHYLLOSTICTA CYDONIAE
Cotoneaster sp.
PHYLLOSTICTA EUONYMI
Euonymus sp.
PHYLLOSTICTA GOSSYPINA
Gossypium herbaceum
PHYLLOSTICTA HAMAMELIDIS
Hamamelis virginiana
PHYLLOSTICTA HEDERICOLA
Hedera helix
PHYLLOSTICTA IPOMOEAE
Ipomoea pandurata
PHYLLOSTICTA KALMICOLA
Kalmia latifolia
PHYLLOSTICTA LABRUSCAE
Parthenocissus quinquefolia
Vitis rotundifolia
PHYLLOSTICTA LATIFOLIAE
Kalmia latifolia
PHYLLOSTICTA LIRIODENDRICA
Liriodendron tulipifera

PHYLLOSTICTA MELALEUCA
Ulmus fulva
PHYLLOSTICTA MICROPUNCTA
Persea borbonia
PHYLLOSTICTA MINIMA
Acer rubrum
Acer saccharinum
Acer saccharum
PHYLLOSTICTA NERII
Nerium oleander
PHYLLOSTICTA OPACA
Ilex opaca
PHYLLOSTICTA OVALIFOLII
Ligustrum sp.
PHYLLOSTICTA PAVIAE
Aesculus glabra
PHYLLOSTICTA PHASEOLINA
Phaseolus vulgaris
PHYLLOSTICTA PODOPHYLLI
Podophyllum peltatum
PHYLLOSTICTA PRUNICOLA
Prunus cerasus
PHYLLOSTICTA PTERIDIS
Pteris cretica
PHYLLOSTICTA PYRORUM
Pyrus communis
PHYLLOSTICTA RHEI
Rheum rhaponticum
PHYLLOSTICTA RHOICOLA
Rhus toxicodendron
PHYLLOSTICTA RHYNCHOSIAE
Rhynchosia erecta
PHYLLOSTICTA SEROTINA
Prunus serotina
PHYLLOSTICTA SINUOSA
Osmanthus americana
PHYLLOSTICTA SOLITARIA
Malus sylvestris
PHYLLOSTICTA SPHAEROPSOIDEA
Aesculus glabra
PHYLLOSTICTA TOXICA
Rhus toxicodendron
PHYLLOSTICTA ULMICOLA
Ulmus fulva
PHYLLOSTICTA VACCINII
Vaccinium arboreum
PHYLLOSTICTA VITICOLA
Parthenocissus quinquefolia
Vitis aestivalis

(Phyllosticta viticola)
Vitis rotundifolia
PHYLLOSTICTA SP.
Camellia japonica
Fortunella hindsi
Pittosporum sp.

PHYSALOSPORA CYDONIAE
Malus sylvestris
Pyrus sinensis
PHYSALOSPORA CYNODONTIS
Distichlis spicata
PHYSALOSPORA MALORUM
Malus sylvestris
PHYSALOSPORA OXYSTOMA
Panicum hemitomum

PHYSARUM CINEREUM
Axonopus compressus
Cynodon dactylon
Taraxacum officinale
PHYSARUM PLUMBEUM
Ipomoea batatas

PHYSODERMA ZEAE-MAYDIS
Zea mays

PHYSOPELLA FICI
Ficus carica

PHYSORELLA OBLONGA
Ipomoea batatas

PHYTOMONAS PRUNI
Prunus persica
PHYTOMONAS TABACI
Soja max
PHYTOMONAS VESICATORIA
Lycopersicon esculentum

PHYTOPHTHORA INFESTANS
Lycopersicon esculentum
Solanum tuberosum

PIGGOTIA FRAXINI
Fraxinus americana
Fraxinus pennsylvanica

PILEOLARIA TOXICODENDRI
Rhus toxicodendron

PIRICULARIA GRISEA
Setaria italica

PITYA CUPRESSI
Juniperus chinensis

PLACOSPHAERIA ILICIS
Ilex opaca

PLASMOPARA HALSTEDII
Gnaphalium purpureum

PLASMOPARA VITICOLA
Vitis labrusca
Vitis sp.

PLECTODISCELLA VENETA
Rubus allegheniensis
Rubus idaeus
Rubus trivialis
Rubus sp.

PLENODOMUS DESTRUENS
Ipomoea batatas

PLEOSPORA HERBARUM
Medicago arabica
PLEOSPORA THUEMENIANA
Yucca aloifolia
PLEOSPORA TROPAEOLI
Tropaeolum majus

PODOSPHAERA BINUNCINATA
Hamamelis virginiana
PODOSPHAERA OXYACANTHAE
Crataegus coccinea
Crataegus crus-galli
Malus sylvestris
Prunus cerasus
Prunus sp. (Cherry)

PODOSPORIUM RICIDUM
Rhus toxicodendron

POLYPORUS BARBATULUS
Juniperus virginiana

POLYPORUS CINNABARINUS
Quercus sp.
POLYPORUS FUMOSUS
Quercus sp.
POLYPORUS GILVUS
Quercus virginiana
POLYPORUS HEMILEUCUS
Carya illinoensis
POLYPORUS HIRSUTUS
Quercus sp.
POLYPORUS SCHWEINITZII
Pinus sp.
POLPYORUS VERSICOLOR
Fagus grandifolia
Liquidambar styraciflua

POLYTHELIS THALICTRI
Thalictrum dioicum

POLYTHRINCIUM TRIFOLII
Trifolium incarnatum
Trifolium reflexum
Trifolium repens
Trifolium sp.

PORIA PUNCTATA
Fraxinus sp.
PORIA RUFA var. LILACINA
Quercus sp.
PORIA VAPORARIA
Alnus rugosa

PROTOCORONOSPORA NIGRICANS
Vicia villosa

PSEUDOMONAS ANDROPOGONI
Sorghum vulgare
PSEUDOMONAS AVENAE
Avena sativa
PSEUDOMONAS CITRI
Citrus sp. (Grapefruit)
PSEUDOMONAS GLYCINEA
Soja max
PSEUDOMONAS MEDICAGINIS var. PHASEOLICOLA
Phaseolus vulgaris
Pueraria thunbergiana
PSEUDOMONAS MORI
Morus sp.

PSEUDOMONAS PISI
Pisum sativum var. arvense
PSEUDOMONAS PRUNI
Prunus persica

PSEUDOPERONOSPORA CUBENSIS
Cucumis melo var. cantalupensis
Cucumis sativus

PSEUDOPEZIZA MEDICAGINIS
Medicago sativa

PUCCINIA ALETRIDIS
Aletris aurea
PUCCINIA AMPHIGENA
Calamovilfa longifolia
PUCCINIA ANDROPOGONIS
Andropogon furcatus
Andropogon scoparius
Penstemon australis
Penstemon tubiflorus
PUCCINIA ANEMONES-VIRGINIANAE
Anemone virginiana
PUCCINIA ANGUSTATA
Scirpus cyperinus
PUCCINIA ANOMALA
Hordeum vulgare
PUCCINIA ANTIRRHINI
Antirrhinum majus
Antirrhinum sp.
PUCCINIA ARENARIAE
Dianthus barbatus
PUCCINIA ARGENTATA
Impatiens pallida
PUCCINIA ARUNDINARIAE
Arundinaria tecta
PUCCINIA ASPARAGI
Asparagus officinalis
Asparagus verticillatus
PUCCINIA ASTERIS
Aster cordifolius
Solidago canadensis
PUCCINIA ASTERUM
Aster cordifolius
Carex muhlenbergii
Carex sp.
Erigeron philadelphicus
Solidago canadensis

PUCCINIA ATROPUNCTA
Xerophyllum asphodeloides
PUCCINIA BARDANAE
Arctium minus
PUCCINIA BOLLEYANA
Carex frankii
Sambucus canadensis
PUCCINIA CANALICULATA
Cyperus rotundus
Cyperus strigosus
PUCCINIA CARICIS
Ribes odoratum
PUCCINIA CHRYSANTHEMI
Chrysanthemum sp.
PUCCINIA CICUTAE
Cicuta maculata
PUCCINIA CIRCAEAE
Circaea lutetiana
PUCCINIA CLEMATIDIS
Triticum aestivum
PUCCINIA CNICI
Cirsium lanceolatum
PUCCINIA COGNATA
Verbesina virginica
PUCCINIA CONOCLINI
Eupatorium coelestinum
PUCCINIA CONVOLVULI
Convolvulus sepium
PUCCINIA CORONATA
Avena sativa
Berchemia scandens
Melica mutica
PUCCINIA CYNODONTIS
Cynodon dactylon
PUCCINIA CYPERI
Cyperus sp.
PUCCINIA DICHONDRAE
Dichondra carolinensis
PUCCINIA EATONIAE
Ranunculus abortivus
Sphenopholis nitida
Sphenopholis obtusata
PUCCINIA EATONIAE var. MYOSOTIDIS
Myosotis macrosperma
PUCCINIA ELEOCHARIDIS
Eleocharis obtusa
Eupatorium rotundifolium
Eupatorium sp.

PUCCINIA ELLISIANA
  Andropogon furcatus
  Andropogon scoparius
PUCCINIA EMACULATA
  Panicum capillare
PUCCINIA EXTENSICOLA
  Aster cordifolius
  Carex muhlenbergii
  Carex sp.
  Oenothera biennis
  Solidago canadensis
PUCCINIA EXTENSICOLA var. ASTERIS
  Carex sp.
  Erigeron philadelphicus
PUCCINIA EXTENSICOLA var. ERIGERONTIS
  Erigeron philadelphicus
PUCCINIA EXTENSICOLA var. HIERACIATA
  Lactuca canadensis
PUCCINIA FRAXINATA
  Fraxinus pennsylvanica
PUCCINIA GONOLOBI
  Vincetoxicum palustre
PUCCINIA GRAMINIS
  Agrostis alba
  Anthoxanthum aristatum
  Elymus canadensis
  Hordeum jubatum
  Triticum aestivum
PUCCINIA GRAMINIS var. AVENAE
  Avena sativa
PUCCINIA HELIANTHI
  Helianthus angustifolius
  Helianthus annuus
  Helianthus atrorubens
  Helianthus divaricatus
  Helianthus hirsutus
  Helianthus mollis
PUCCINIA HETEROSPORA
  Althaea rosea
  Sida spinosa
PUCCINIA HIERACII
  Pyrrhopappus carolinianus
  Taraxacum officinale
PUCCINIA HYDROCOTYLES
  Hydrocotyle umbellata
PUCCINIA IRIDIS
  Iris sp.

PUCCINIA JUSSIAEAE
  Jussiaea decurrens
  Ludwigia hirtella
PUCCINIA KUHNIAE
  Kuhnia eupatorioides
PUCCINIA LATERIPES
  Ruellia strepens
PUCCINIA LEVIS
  Paspalum urvillei
  Paspalum sp.
PUCCINIA LUDIBUNDA
  Carex sp. (Sedge)
PUCCINIA MACULOSA
  Krigia virginica
PUCCINIA MALVACEARUM
  Althaea rosea
PUCCINIA MAJANTHAE
  Uvularia sessilifolia
PUCCINIA MARIAE-WILSONI
  Claytonia virginica
PUCCINIA MELICAE
  Melica mutica
PUCCINIA MENTHAE
  Koellia mutica
  Koellia virginiana
  Monarda fistulosa
PUCCINIA MINUTA
  Carex sp.
PUCCHINIA MUHLENBERGIAE
  Muhlenbergia mexicana
PUCCINIA OBLIQUA
  Vincetoxicum palustre
PUCCINIA OXALIDIS
  Oxalis violacea
PUCCINIA PANICI
  Euphorbia marginata
PUCCINIA PECKII
  Oenothera biennis
PUCCINIA PERIDERMIOSPORA
  Fraxinus pennsylvanica
  Spartina cynosuroides
  Spartina michauxiana
PUCCINIA PIMPINELLAE
  Chaerophyllum procumbens
PUCCINIA PODOPHYLLI
  Podophyllum peltatum
PUCCINIA POLYGONI-AMPHIBII
  Polygonum acre
  Polygonum cristatum
  Polygonum pensylvanicum

(Puccinia polygoni-amphibii)
Polygonum persicaria
Polygonum scandens
Tovara virginiana
PUCCINIA PRUNI-SPINOSAE
Prunus angustifolia
Prunus cerasus
Prunus persica
Prunus simonii
Prunus spinosa
Prunus sp. (Cherry)
Prunus sp. (Plum)
PUCCINIA PUNCTATA
Galium aparine
Galium concinnum
PUCCINIA PURPUREA
Sorghum halepense
Sorghum vulgare
PUCCINIA PYRRHOPAPPI
Pyrrhopappus carolinianus
PUCCINIA RUBIGO-VERA
Impatiens biflora
Impatiens pallida
Secale cereale
PUCCINIA RUBIGO-VERA var. APOCRYPTA
Myosotis macrosperma
PUCCINIA RUBIGO-VERA var. IMPATIENTIS
Impatiens biflora
PUCCINIA RUBIGO-VERA var. SECALIS
Lolium multiflorum
PUCCINIA RUELLIAE
Ruellia strepens
PUCCINIA SCHEDONNARDI
Muhlenbergia mexicana
PUCCINIA SESSILIS
Uvularia sessilifolia
PUCCINIA SEYMOURIANA
Spartina cynosuroides
Spartina michauxiana
PUCCINIA SILPHII
Silphium integrifolium
Silphium perfoliatum
PUCCINIA SMILACIS
Smilax glauca
Smilax sp.

PUCCINIA SORGHI
Oxalis violacea
Zea mays
PUCCINIA SPEGAZZINII
Mikania scandens
PUCCINIA TARAXACI
Taraxacum officinale
PUCCINIA TENUIS
Eupatorium urticaefolium
PUCCINIA TRIPSACI
Tripsacum dactyloides
PUCCINIA TRITICINA
Triticum aestivum
PUCCINIA TUMIDIPES
Lycium helimifolium
PUCCINIA VERATRI
Veratrum viride
PUCCINIA VERBENICOLA
Sporobolus asper
PUCCINIA VERNONIAE
Vernonia fasciculata
PUCCINIA VEXANS
Bouteloua curtipendula
PUCCINIA VILFAE
Sporobolus asper
PUCCINIA VIOLAE
Viola blanda
Viola cucullata
Viola eriocarpa
Viola palmata
Viola sp.
PUCCINIA VIRGATA
Sorghastrum nutans
PUCCINIA WINDSORIAE
Tridens flava
PUCCINIA XANTHII
Xanthium orientale

PUCCINIASTRUM AGRIMONIAE
Agrimonia eupatoria
Agrimonia parviflora
PUCCINIASTRUM HYDRANGEAE
Hydrangea arborescens

PUCCINIOLA POROSA
Vicia americana

PYRENOPEZIZA MEDICAGINIS
Medicago sativa

PYTHIUM SP.
Phaseolus vulgaris

RAMULARIA AREOLA
Gossypium herbaceum
Gossypium hirsutum
RAMULARIA ARMORACIAE
Roripa armoracia
RAMULARIA ANGUSTATA
Rhododendron viscosum
RAMULARIA CELASTRI
Celastrus scandens
RAMULARIA CIRCUMFUSA
Rumex obtusifolius
RAMULARIA DESMODII
Desmodium canadense
RAMULARIA LACTEA
Viola sp.
RAMULARIA OCCIDENTALIS
Rumex crispus
RAMULARIA PLANTAGINIS
Plantago major
RAMULARIA RANUNCULI
Ranunculus septentrionalis
RAMULARIA SAMBUCINA
Sambucus canadensis
RAMULARIA SUBRUFA
Smilax sp.
RAMULARIA TARAXACI
Taraxacum officinale
RAMULARIA VARIABILIS
Verbascum thapsus
RAMULARIA SP.
Vigna sinensis

RAVENELIA CASSIAECOLA
Chamaecrista multipinnata
RAVENELIA EPIPHYLLA
Tephrosia virginiana

RHIZOCTONIA MICROSCLEROTIA
Aleurites fordii
Ficus carica
Phaseolus vulgaris
Pueraria thunbergiana
Vigna sinensis
RHIZOCTONIA SOLANI
Gossypium hirsutum
Phaseolus vulgaris
Zea mays

RHIZOCTONIA SP.
Pisum sativum

RHIZOPUS NIGRICANS
Ipomoea batatas

RHYSOTHECA GERANII
Geranium carolinianum
RHYSOTHECA OBDUCENS
Impatiens biflora

RHYTISMA ACERINUM
Acer rubrum
Acer saccharinum
RHYTISMA CURTISII
Ilex opaca
RHYTISMA DISCOLORANS
Lyonia ligustrina
RHYTISMA ILICIS-CANADENSIS
Ilex verticillata
RHYTISMA SALICINUM
Salix cordata
Salix nigra
RHYTISMA VACCINII
Vaccinium arboreum
Vaccinium tenellum
Vaccinium virgatum
Vaccinium sp.
RHYTISMA VELATUM
Ilex decidua

ROSENSCHELDIA HELIOPSIDIS
Aster sp.

SACCHAROMYCES SP.
Gladiolus sp.

SCHIZOPHYLLUM COMMUNE
Ulmus americana

SCLEROSPORA GRAMINICOLA
Setaria sp.
SCLEROSPORA MACROSPORA
Avena sativa

SCLEROTINIA CARUNCULOIDES
Morus rubra
SCLEROTINIA FRUCTICOLA
Prunus persica
Prunus serotina

(Sclerotinia fructicola)
Prunus sp. (Plum)
SCLEROTINIA SCLEROTIORUM
Lactuca sativa
SCLEROTINIA TRIFOLIORUM
Trifolium repens
SCLEROTINIA SP.
Rosa sp.

SCLEROTIUM BATATICOLA
Soja max
Vigna sinensis
SCLEROTIUM ROLFSII
Ambrosia trifida
Arachis hypogaea
Capsicum annuum
Capsicum sp.
Cucumis melo
Cucumis sativus
Delphinium sp.
Ipomoea batatas
Iris sp.
Lycopersicon esculentum
Phaseolus lunatus
Phaseolus vulgaris
Saccharum officinarum
Soja max
Solanum melongena
Solanum tuberosum
Syringa vulgaris
Triticum aestivum

SCOLECODOTHIS PINICOLA
Pinus taeda

SCOLECOTRICHUM EUPHORBIAE
Euphorbia maculata
SCOLECOTRICHUM GRAMINIS
Alopecurus geniculatus
Dactylis glomerata
SCOLECOTRICHUM IRIDIS
Iris sp.

SEPTOBASIDIUM PATOUILLARDI
Nyssa sylvatica
SEPTOBASIDIUM PEDICILLATUM
Crataegus mollis
Malus sylvestris
Quercus sp

SEPTOBASIDIUM PSEUDOPEDICELLATUM
Citrus sp.
Malus sylvestris
Prunus persica
SEPTOBASIDIUM RETIFORME
Carya illinoensis
Chaenomeles lagenaria
Malus sylvestris
Prunus americana
Prunus sp. (Plum)
Pyrus communis
Pyrus sinensis
Quercus sp.

SEPTOCYLINDRIUM AREOLA
Gossypium hirsutum

SEPTORIA ANEMONES
Anemone caroliniana
Anemone virginiana
SEPTORIA BACILLIGERA
Ambrosia trifida
SEPTORIA BROMI
Elymus virginicus
Hystrix patula
SEPTORIA BRUNELLAE
Prunella vulgaris
SEPTORIA BUMELIAE
Bumelia lycioides
SEPTORIA CACALIAE
Cacalia atriplicifolia
Cacalia tuberosa
SEPTORIA CAMPANULAE
Campanula americana
SEPTORIA CERASTII
Cerastium viscosum
Cerastium vulgatum
SEPTORIA CHRYSANTHEMELLA
Chrysanthemum sp.
SEPTORIA CIRSII
Cirsium arvense
SEPTORIA CONSPICUA
Steironema ciliatum
SEPTORIA CORNICOLA
Cornus amomum
Cornus sp.
SEPTORIA DIANTHI
Dianthus sp.

SEPTORIA DIERVILLAE
Diervilla sp.
SEPTORIA DIVARICATAE
Phlox sp.
SEPTORIA ERIGERONTIS
Erigeron annuus
SEPTORIA EUPATORII
Eupatorium perfoliatum
SEPTORIA FLAGELLARIS
Convolvulus sepium
SEPTORIA GLADIOLI
Gladiolus sp.
SEPTORIA GLUMARUM
Triticum aestivum
SEPTORIA GLYCINES
Soja max
SEPTORIA HELIANTHI
Helianthus annuus
SEPTORIA HYDRANGEAE
Hydrangea arborescens
Hydrangea sp.
SEPTORIA HYDROCOTYLES
Hydrocotyle sp.
SEPTORIA KALMIAECOLA
Kalmia latifolia
SEPTORIA LACTUCICOLA
Lactuca canadensis
SEPTORIA LEPIDIICOLA
Lepidium virginicum
SEPTORIA LEPTOSTACHYAE
Phryma leptostachya
SEPTORIA LITTOREA
Apocynum cannabinum
SEPTORIA LUDWIGIAE
Ludwigia alternifolia
SEPTORIA LYCOPERSICI
Lycopersicon esculentum
SEPTORIA MIMULI
Mimulus alatus
SEPTORIA NABALI
Prenanthes alba
SEPTORIA NARCISSI
Narcissus sp.
SEPTORIA NEGLECTA
Quercus sp.
SEPTORIA NODORUM
Triticum aestivum
SEPTORIA OENOTHERAE
Oenothera biennis
Oenothera laciniata

SEPTORIA PENTASTEMONIS
Penstemon australis
Penstemon digitalis
SEPTORIA PIRICOLA
Pyrus communis
Pyrus sinensis
SEPTORIA PISI
Pisum sativum
SEPTORIA PODOPHYLLINA
Podophyllum peltatum
SEPTORIA POLYGONORUM
Polygonum hydropiper
Polygonum pensylvanicum
Polygonum persicaria
Polygonum sp.
SEPTORIA RHOINA
Rhus typhina
SEPTORIA RIBIS
Ribes vulgare
SEPTORIA RIPARIA
Carex sp.
SEPTORIA RUBI
Rubus procumbens
Rubus trivialis
SEPTORIA RUDBECKIAE
Rudbeckia triloba
SEPTORIA SACCHARINA
Acer saccharum
SEPTORIA SCROPHULARIAE
Scrophularia marilandica
SEPTORIA SCUTELLARIAE
Scutellaria versicola
SEPTORIA SMILACINAE
Smilacina racemosa
SEPTORIA SPECULARIAE
Specularia perfoliata
SEPTORIA STACHYDIS
Stachys palustris
SEPTORIA SYMPLOCI
Symplocos tinctoria
SEPTORIA TRILLII
Trillium recurvatum
Trillium sp.
SEPTORIA TRITICI
Triticum aestivum
SEPTORIA VALERIANELLAE
Valerianella radiata
SEPTORIA VERBASCICOLA
Verbascum blattaria var. albiflorum

SEPTORIA VERBENAE
Verbena hastata
Verbena stricta
SEPTORIA VIOLAE
Viola sp.
SEPTORIA SP.
Ipomoea batatas

SOROSPORIUM CONSANGUINEUM
Andropogon glomeratus
SOROSPORIUM ELLISII
Andropogon scoparius
SOROSPORIUM EVERHARTII
Andropogon scoparius
SOROSPORIUM SYNTHERISMAE
Panicum proliferum
Panicum sp.

SPHACELOMA AMPELINUM
Vitis sp.
SPHACELOMA FAWCETTII
Citrus nobilis var. unshiu
SPHACELOMA VIOLAE
Viola sp.
SPHACELOMA SP.
Magnolia grandiflora

SPHACELOTHECA HYDROPIPERIS
Polygonum hydropiper
SPHACELOTHECA ISCHAEMI
Andropogon scoparius
SPHACELOTHECA SORGHI
Sorghum saccharatum
Sorghum vulgare

SPHAERELLA ANNULATA
Magnolia virginiana
SPHAERELLA EARLIANA
Fragaria sp.
SPHAERELLA GLAUCA
Magnolia virginiana

SPHAERONEMA FIMBRIATUM
Ipomoea batatas

SPHAEROPSIS MALORUM
Malus sylvestris

SPHAEROTHECA CASTAGNEI
Prunella vulgaris
SPHAEROTHECA HUMULI
Bidens frondosa
Rosa sp.
SPHAEROTHECA PANNOSA
Rosa sp.

SPOROTRICHUM CITRI
Citrus aurantium
Citrus grandis

STEMONITIS FUSCA
Ipomoea batatas

STEREUM ALBOBADIUM
Fortunella sp.
STEREUM FUSCUM
Liquidambar styraciflua
STEREUM LOBATUM
Nyssa sylvatica
STEREUM OCHRACEOFLAVUM
Alnus sp.
STEREUM RAMEALE
Liquidambar styraciflua

STICTIS ARUNDINACEAE
Andropogon sp.
STICTIS HELICOTRICHA
Arundinaria tecta

STILBOSPORA PINICOLA
Pinus palustris

SYNCHYTRIUM AUREUM
Valerianella radiata
SYNCHYTRIUM DECIPIENS
Amphicarpa bracteata
Amphicarpa pitcheri
Desmodium canescens
SYNCHYTRIUM FULGENS
Oenothera laciniata
SYNCHYTRIUM PLURIANNULATUM
Sanicula canadensis
Sanicula marilandica
SYNCHYTRIUM STELLARIAE
Stellaria media
SYNCHYTRIUM VACCINII
Vaccinium corymbosum

SYSTREMMA ACICOLA
Pinus taeda

TAPHRINA ALNI-INCANAE
Alnus incana
TAPHRINA CERASI
Acer platanoides
TAPHRINA COERULESCENS
Quercus marilandica
Quercus nigra
Quercus sp.
TAPHRINA DEFORMANS
Prunus persica
Prunus serotina
TAPHRINA MIRABILIS
Prunus americana
Prunus angustifolia
TAPHRINA POTENTILLAE
Potentilla canadensis
TAPHRINA PRUNI
Prunus americana
Prunus sp.
TAPHRINA PURPURASCENS
Rhus copallina
TAPHRINA SP.
Prunus sp.
Quercus sp. (Turkey Oak)

THELEPHORA RETIFORMIS
Carya sp.

THIELAVIOPSIS BASICOLA
Gossypium hirsutum

TILLETIA CORONA
Digitaria sanguinalis
Leersia lenticularis
Leersia oryzoides
TILLETIA LEVIS
Triticum aestivum
TILLETIA PULCHERRIMA
Digitaria sanguinalis
TILLETIA TRITICI
Triticum aestivum

TITAEOSPORA ANDROPOGONIS
Sorghum vulgare

TRABUTIA QUERCINA
Quercus laurifolia
Quercus myrtifolia
Quercus nigra
Quercus virginiana

TRANZSCHELIA PRUNI-SPINOSAE
Prunus americana
Prunus cerasus
Prunus persica
Prunus sp. (Apricot)
Prunus sp. (Plum)
TRANZSCHELIA PUNCTATA
Prunus persica

TRICHODOTHIS COMATA
Magnolia grandiflora
Magnolia virginiana

TRIMMATOSTROMA AMERICANUM
Salix sp.

TRYBLIDIUM INSCULPTUM
Carya sp.

TUBERCULARIA FICI
Ficus carica

UNCINULA AUSTRALIANA
Lagerstroemia indica
UNCINULA CIRCINATA
Acer rubrum
UNCINULA CLINTONII
Tilia americana
UNCINULA FLEXUOSA
Aesculus glabra
UNCINULA MACROSPORA
Ulmus alata
Ulmus americana
UNCINULA NECATOR
Parthenocissus quinquefolia
Vitis cordifolia
UNCINULA PARVULA
Celtis occidentalis
UNCINULA POLYCHAETE
Celtis mississippiensis
UNCINULA SALICIS
Populus tremuloides
Salix sp. (Willow)

UREDINOPSIS MACROSPERMA
Pteridium aquilinum

UREDO BIGELOWII
Salix nigra
UREDO MEDUSAE
Populus deltoides
UREDO PTERIDIS
Pteris sp.

UROCYSTIS AGROPYRI
Elymus canadensis

UROMYCES AFFINIS
Hypoxis hirsuta
UROMYCES ANDROPOGONIS
Andropogon virginicus
UROMYCES APPENDICULATUS
Phaseolus vulgaris
UROMYCES ASCLEPIADIS
Asclepias syriaca
UROMYCES CALADII
Arisaema dracontium
UROMYCES CARYOPHYLLINUS
Dianthus sp.
UROMYCES COLORADENSIS
Vicia americana
UROMYCES ELEGANS
Trifolium carolinianum
UROMYCES ERAGROSTIDIS
Agrostis sp.
UROMYCES FALLENS
Trifolium pratense
UROMYCES GRAMINICOLA
Croton monanthogynus
Panicum virgatum
Sebastiana ligustrina
UROMYCES HALSTEDII
Leersia virginica
UROMYCES HEDYSARI-PANICULATI
Desmodium canadense
Desmodium longifolium
Desmodium marilandicum
Desmodium paniculatum
Desmodium rigidum
Desmodium sp.
UROMYCES HORDEI
Hordeum pusillum

UROMYCES HORDEINUS
Hordeum nodosum
UROMYCES HOWEI
Asclepias syriaca
UROMYCES HYPERICI
Ascyrum hypericoides
Hypericum prolificum
UROMYCES LESPEDEZAE-PROCUMBENTIS
Lespedeza capitata
Lespedeza hirta
Lespedeza intermedia
Lespedeza violacea
UROMYCES MINUTUS
Carex complanata
UROMYCES PECKIANUS
Houstonia coerulea
Houstonia purpurea
UROMYCES PERIGYNIUS
Rudbeckia laciniata
UROMYCES PHASEOLI
Strophostyles helvola
Strophostyles pauciflora
UROMYCES PHASEOLI var. TYPICA
Phaseolus lunatus
Phaseolus vulgaris
Phaseolus sp. (Snap Bean)
Strophostyles helvola
UROMYCES PHASEOLI var. VIGNAE
Vigna sinensis
UROMYCES PLUMBARIUS
Gaura angustifolia
Gaura coccinea
Oenothera laciniata
UROMYCES POLYGONI
Polygonum erectum
Polygonum sp. (Knotweed)
UROMYCES PROEMINENS
Euphorbia heterophylla
Euphorbia humistrata
Euphorbia serpyllifolia
Euphorbia sp.
UROMYCES PYRIFORMIS
Acorus calamus
UROMYCES RHYNCHOSPORAE
Rynchospora fascicularis
Rynchospora glomerata
UROMYCES RUDBECKIAE
Rudbeckia laciniata

UROMYCES SOLIDAGINIS
Solidago sp.
UROMYCES SPERMACOCES
Diodia teres
UROMYCES STRIATUS
Medicago sativa
UROMYCES TRIFOLII
Trifolium pratense
Trifolium sp.

UROPHLYCTIS ALFALFAE
Medicago sativa

UROPYXIS AMORPHAE
Amorpha fruticosa

USTILAGO ANOMALA
Polygonum cilinode
USTILAGO AVENAE
Avena sativa
USTILAGO CYNODONTIS
Cynodon dactylon
USTILAGO FIMBRISTYLIS
Fimbristylis autumnalis
USTILAGO HORDEI
Hordeum vulgare
USTILAGO LEVIS
Avena sativa
USTILAGO LONGISSIMA var. MACROSPORA
Glyceria fluitans
USTILAGO NEGLECTA
Setaria glauca
USTILAGO NUDA
Hordeum vulgare
USTILAGO ORNATA
Leptochloa filiformis
USTILAGO OXALIDIS
Oxalis stricta
USTILAGO PERENNANS
Arrhenatherum elatius
USTILAGO RABENHORSTIANA
Digitaria sanguinalis
USTILAGO SEGETUM
Arrhenatherum elatius
Avena sativa
USTILAGO SHIRAIANA
Phyllostachys sp.
USTILAGO SPARSA
Dactyloctenium aegyptium

USTILAGO STRIAEFORMIS
Phleum pratense
USTILAGO TRITICI
Triticum aestivum
USTILAGO UNIOLAE
Uniola laxa
USTILAGO UTRICULOSA
Polygonum acre
Polygonum hydropiperoides
Polygonum lapathifolium
Polygonum pensylvanicum
USTILAGO ZEAE
Zea mays

VALSA AMBIENS
Ostrya virginiana
VALSA DEUSTA
Carya sp.
VALSA LEUCOSTOMA
Prunus persica
VALSA LUTESCENS
Quercus velutina

VENTURIA INAEQUALIS
Malus sylvestris

VERMICULARIA AFFINIS
Echinochloa crus-galli
VERMICULARIA PHLOGINA
Phlox sp.
VERMICULARIA TRICHELLA
Hedera helix

VERTICILLIUM ALBO-ATRUM
Gossypium hirsutum
VERTICILLIUM BUXI
Buxus sempervirens

VOLUTELLA CARICICOLA
Carex cherokeensis

XANTHOMONAS MALVACEARUM
Gossypium hirsutum
XANTHOMONAS PHASEOLI
Phaseolus vulgaris
XANTHOMONAS PHASEOLI var. SOJENSE
Soja max
XANTHOMONAS PRUNI
Prunus laurocerasus
Prunus persica
Prunus sp. (Plum)

XYLARIA HYPOXYLON
Quercus sp.

ZYTHIA AURANTIACA
Cornus alternifolia

VIRUS DISEASES

ASTER YELLOWS
Erigeron philadelphicus

MOSAIC
Ipomoea batatas
Iris sp.
Phaseolus vulgaris
Saccharum officinarum
Soja max
Vigna sinensis

RUGOSE MOSAIC
Solanum tuberosum

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